

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 11/21/2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking			
1.1. Product identifier			
Product form	: Mixtu	re	
Product name	: Hercu	Iliner Truck Bed Liner Black	
1.2. Relevant identifie	d uses of the substance or	mixture and uses advised against	
Use of the substance/mixture	: Truck	uck Bed Liner	
1.3. Details of the sup	plier of the safety data she	et	
Old World Industries, LLC 3100 Sanders Road Northbrook, IL 60062 - USA T (847) 559-2000 www.oldworldind.com			
1.4. Emergency teleph	ione number		
Emergency number	: 800 4 Chen	24 9300 (United States); 00 1 703 527 3887 (International) trec	
<b>SECTION 2: Hazards i</b>	dentification		
2.1. Classification of t	he substance or mixture		
GHS-US classification			
Flammable liquids,	H226	Flammable liquid and vapor	
Category 3 Acute toxicity (inhalation:dust,mist) Category 4	H332	Harmful if inhaled.	
Skin corrosion/irritation, Category 2	H315	Causes skin irritation.	
Respiratory sensitisation, Category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
Skin sensitisation, Category	H317	May cause an allergic skin reaction.	
Carcinogenicity, Category 2 Specific target organ toxicity — Repeated exposure, Category 2	H351 H373	Suspected of causing cancer. May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).	

Full text of H statements : see section 16

#### 2.2. Label elements

### **GHS-US** labelling

GHS-US labelling Hazard pictograms (GHS-US)	GHS02 GHS07 GHS08	
Signal word (GHS-US)	: Danger	
Hazard statements (GHS-US)	<ul> <li>H226 - Flammable liquid and vapor H315 - Causes skin irritation.</li> <li>H317 - May cause an allergic skin reaction.</li> <li>H332 - Harmful if inhaled.</li> <li>H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.</li> <li>H351 - Suspected of causing cancer.</li> <li>H373 - May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).</li> </ul>	
Precautionary statements (GHS-US)	<ul> <li>P201 - Obtain special instructions before use.</li> <li>P202 - Do not handle until all safety precautions have been read and understood.</li> <li>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. heat, hot surfaces, open flames, sparks</li> <li>P233 - Keep container tightly closed.</li> </ul>	
11/21/2019	EN (English) Page 1	

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

P405 - Store locked up. P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with local/regional/national/international regulations	Precautionary statements (GHS-US) continued	P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with
---	---	---

#### 2.3. Other hazards

No additional information available

#### Unknown acute toxicity (GHS US) 2.4.

## No data available

# **SECTION 3: Composition/information on ingredients**

#### Substances 3.1.

- Not applicable
- 3.2. **Mixtures**

Name	Product identifier	% by wt	GHS-US classification
xylene, mixture of isomers	(CAS-No.) 1330-20-7	<= 29.4	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315
methylenediphenyl diisocyanate, isomer mixture	(CAS-No.) 26447-40-5	<= 5.3	Acute Tox. 4 (Inhalation), H332 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373

Full text of hazard classes and H-statements : see section 16

SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Symptoms of poisoning may not appear for several hours. supervision of a doctor is necessary during at least 48h after an accident happened.	
First-aid measures after inhalation	<ul> <li>If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable f breathing. If experiencing respiratory symptoms: Get immediate medical advice/attention. If breathing, give artificial respiration.</li> </ul>	
First-aid measures after skin contact	: Take off immediately all contaminated clothing. Wash with plenty of water/ Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.	
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get immediate medical advice/attention.	
First-aid measures after ingestion	: Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Obtain emergency medical attention. A person vomiting while laying on their back should be turned onto their side.	
4.2. Most important symptoms and effe	ects, both acute and delayed	
Symptoms/effects after inhalation	May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged expos to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headedness headache, nausea and loss of coordination.	
Symptoms/effects after skin contact	: Causes skin irritation. May cause an allergic skin reaction.	
11/21/2019	EN (English)	2/9

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Symptoms/effects after eye contact : Causes serious eye irritation.

Symptoms/effects after ingestion

#### 4.3. Indication of any immediate medical attention and special treatment needed

If swallowed or in case of vomitting, danger of entering the lungs. Severe allergic skin reaction, bronchial spasms and anaphylactic shock are possible. In cases of irritation to the lungs, initial treatement with cortical steroid inhalants. If necessary oxygen respiration treatment. Treat skin and mucous membrane with anithistamine and corticoid preparations. Contains diphenylmethanediisocyanate, isomers and homologues. May produce an allergic reaction.

: Nausea. Gastrointestinal complaints. Dizziness.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the su	ibstance or mixture
Fire hazard	Flammable liquid and vapor. During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.
Explosion hazard	: May form flammable/explosive vapor-air mixture.
Reactivity	: Cures with exposure to water vapor.
5.3. Special protective equipment and precautions for fire-fighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release m	easures	
6.1. Personal precautions, protective	Personal precautions, protective equipment and emergency procedures	
General measures	: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking. Isolate from fire, if possible, without unnecessary risk.	
6.1.1. For non-emergency personnel		
Protective equipment	: Wear suitable respiratory equipment in case of insufficient ventilation.	
Emergency procedures	: Evacuate unnecessary personnel.	
6.1.2. For emergency responders		
Protective equipment	: Equip cleanup crew with proper protection. Refer to section 8.2.	
Emergency procedures	: Ventilate area.	
6.2. Environmental precautions		
Prevent entry to sewers and public waters. N	otify authorities if liquid enters sewers or public waters.	
6.3. Methods and material for contain	nment and cleaning up	
For containment	: Leave the product to solidify. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Ensure adequate ventilation, especially in confined areas. Do not flush with water.	
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.	

**Reference to other sections** See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Handle empty containers with care because residual vapors are flammable.
Precautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
Hygiene measures	: Wash affected areas thoroughly after handling. Wash contaminated clothing before reuse.

6.4.

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

7.2.	Conditions for safe storage, inclue	ding any incompatibilities
Storage	conditions	: Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Do not store near food, foodstuffs, drugs or potable water supplies. Store in a well-ventilated place. Keep container tightly closed. Do not allow water (or moist air) contact with this material.
Incomp	atible products	: Keep away from strong acids, strong bases and oxidizing agents.
Incomp	atible materials	: Sources of ignition. Direct sunlight. Heat sources.
73	Specific end use(s)	

No additional information available

# SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

xylene, mixture of isomers (1330-20-7)			
ACGIH	Local name	Xylene	
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	434 mg/m <sup>3</sup>	
ACGIH	ACGIH TWA (ppm)	100 ppm	
ACGIH	ACGIH STEL (mg/m <sup>3</sup> )	651 mg/m³	
ACGIH	ACGIH STEL (ppm)	150 ppm	
ACGIH	Remark (ACGIH)	Upper Respiratory Tract & eye irritant; Central Nervous System impairment	
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	435 mg/m <sup>3</sup>	
OSHA	OSHA PEL (TWA) (ppm)	100 ppm	
OSHA	OSHA PEL (STEL) (mg/m <sup>3</sup> )	655 mg/m³	
OSHA	OSHA PEL (STEL) (ppm)	150 ppm	
methylenedipheny	methylenediphenyl diisocyanate, isomer mixture (26447-40-5)		
Not applicable			

## 8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures/Personal protective equipment

## Personal protective equipment:

Avoid all unnecessary exposure. Gloves. Safety glasses. High gas/vapor concentration: gas mask.

#### Hand protection:

Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses

## Skin and body protection:

Wear suitable protective clothing

### **Respiratory protection:**

In case of inadequate ventilation wear respiratory protection. Combined gas/dust mask with filter type A/P2



Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

# Other information:

Do not eat, drink or smoke during use.

<b>SECTION 9: Physical and chemical</b>	properties
9.1. Information on basic physical and	
Physical state	: Liquid
Appearance	: Pigment.
Color	: Black
Odor	: Sweet
Odor threshold	No data available
pH	: 8
Relative evaporation rate (butylacetate=1)	No data available
Melting point	: <-46 °C (<-50 °F)
Freezing point	: No data available
Boiling point	: 140 °C (284 °F)
Flash point	: 27 °C (81 °F) [Method Used: ASTM D56]
Auto-ignition temperature	: > 200 °C (> 392 °F)
Decomposition temperature	: 200 °C (392 °F)
Flammability (solid, gas)	: Flammable
Vapor pressure	: 14.2 hPa @ 20 °C (68 °F)
Relative vapor density at 20 °C	: No data available
Specific Gravity	: 1.03
Density	: 1.03 g/cm <sup>3</sup>
Percent Solids	: > 70 % by mass (65% by volume)
Solubility	: Water: Not miscible, reacts with water
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: Not determined
Viscosity, dynamic	: 375 cP (65 Krebs Units) @ 40 °C (104 °F)
Explosive limits	: 2.1 - 11.5 vol %
Explosive properties	: Container can be pressurised by carbon dioxide due to reaction with humid air and/or water. Pressurised container: May burst if heated. In use, may form flammable / explosive vapor air mixture.
Oxidizing properties	: No data available
9.2. Other information	
VOC content	: <= 29.6 % <= 250 g/L
Percent Solids	: > 70 % by mass (65% by volume)
SECTION 10: Stability and reactivity	y and the second se
10.1. Reactivity	
Cures with exposure to water vapor.	
10.2. Chemical stability	
Stable.	
10.3. Possibility of hazardous reactions	
Not established.	
10.4. Conditions to avoid	
	en flames and other ignition sources. No smoking.
10.5. Incompatible materials	l avidizing agenta water
Keep away from strong acids, strong bases and	
10.6. Hazardous decomposition product	
May release flammable gases. Carbon monoxid	de. Carbon dioxide. Fume. Hydrogen cyanide. (prussic acid). Isocyanates. Nitrogen oxides.
11/21/2019	EN (English) 5/9

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Acute toxicity       INot classified         Herculiner Truck Bed Liner Black       4.323 mg//4h         ATE US (dust.mis)       4.323 mg//4h         zylene, mixture of isomers (1330-20-7)       3523 mg/kg bodyweight (Equivalent or similar to EU Method B.1: Acute Toxicity (Oral), Rat, Make, Experimental value, Oral, 14 day(s))         ATE US (call)       3523 mg/kg bodyweight         ATE US (cama)       110 mg/kg bodyweight         ATE US (gases)       4500 pm/wh         ATE US (gases)       15 mg//4h         ATE US (dust.misl)       1.5 mg//4h         ATE US (gases)       500 mg/kg bodyweight (Equivalent or similar to DECD 402, 24 h, Rabbit, Male / female, Researcores, S(kn))         LD50 oral rat       > 9400 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Researcores, S(kn))         LC50 inhalation rat (mg/l)       0.49 mg//4h         ATE US (gases)       4500 ppm/wh         ATE US (dust.misl)       0.49 mg//4h         ATE US (dust.misl)       0.49 mg//4h         ATE US (dust.misl)       0.49 mg//4h         Storosroin/iritation       causes skin iritation.         pH: 8       8         Respiratory or skin a senillastolon       May cause and allegic skin reaction,         Brit US (dust.misl)       Not classified         Tort-single exposure       Not	SECTION 11: Toxicological information	tion
Herculine Truck Bed Liner Black           ATE US (dust,nist)         4.323 mg/l/4h           xylene, mixture of isomers (1330-20-7)         UES0 oral rat           Maix. Experimental value, Oral, 14 day(s)).         3523 mg/l podyweight           ATE US (oral)         3523 mg/l podyweight           ATE US (dermal)         1100 mg/ls bodyweight           ATE US (dermal)         1500 mg/ls bodyweight           ATE US (gases)         4500 ppm/v4h           ATE US (quest,nist)         15 mg/l/4h           methylened/phenyl diisocyanate, isomer mixture (2447-06)         UES0 oral rat           LD50 oral rat         > 2000 mg/ls bodyweight (Other, Rat, Male / female, Experimental value, Oral)           LD50 dermal rabbit         > 2000 mg/ls bodyweight (Culvalent or similar to OECD 402, 24 h, Ratbit, Male / female, Read-across, Skin)           LD50 dermal rabbit         > 2000 mg/ls bodyweight (Culvalent or similar to OECD 403, 4 h, Rat, Male/female, Read-across)           ATE US (gases)         4400 mg/l/h           ATE US (gases)         0.40 mg/l/h           ATE US (gases)         0.40 mg/l/h           Skin corrosion/irritation         PH : 8           Secious eye damage/irritation         : Not classified           Carcinogenicity         : Not classified           Carcinogenicity         : Not classified           <	11.1. Information on toxicological effects	3
ATE US (dust_mist)       4.323 mg//4h         xylene, mixture of isomers (1302-20-7)         LD50 oral rat       3523 mg/kg bodyweight (Equivalent or similar to EU Method B.1: Acute Toxicity (Oral), Rat, Male, Experimental value, Oral, 14 day(s))         ATE US (oral)       3522 mg/kg bodyweight         ATE US (dermal)       1100 mg/kg bodyweight         ATE US (dermal)       1100 mg/kg bodyweight         ATE US (qases)       4500 ppm/4h         ATE US (dust_mist)       1.5 mg//4h         Mate (Statum)       1.5 mg//4h         DE05 oral rat       > 2000 mg/kg bodyweight (Cuther, Rat, Male / female, Experimental value, Oral)         LD50 dermal rabbit       > 9400 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Skin)         LC50 inhalation rat (mg/l)       0.49 mg//4h         ATE US (qust_mist)       0.49 mg//4h         ATE US (dust_mist)       0.49 mg//4h         Stin corrosion/inflation       : Causes skin imitation.         pH: 8       pH: 8         Serious eye damage/imitation       : Not classified         pSti Os in sensitisation       : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.         Serious eye damage/imitation       : Not classified         Sortious eye damage/imitation       : Not classified     <	Acute toxicity	: Not classified
ATE US (dust_mist)       4.323 mg//4h         xylene, mixture of isomers (1302-20-7)         LD50 oral rat       3523 mg/kg bodyweight (Equivalent or similar to EU Method B.1: Acute Toxicity (Oral), Rat, Male, Experimental value, Oral, 14 day(s))         ATE US (oral)       3522 mg/kg bodyweight         ATE US (dermal)       1100 mg/kg bodyweight         ATE US (dermal)       1100 mg/kg bodyweight         ATE US (qases)       4500 ppm/4h         ATE US (dust_mist)       1.5 mg//4h         Mate (Statum)       1.5 mg//4h         DE05 oral rat       > 2000 mg/kg bodyweight (Cuther, Rat, Male / female, Experimental value, Oral)         LD50 dermal rabbit       > 9400 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Skin)         LC50 inhalation rat (mg/l)       0.49 mg//4h         ATE US (qust_mist)       0.49 mg//4h         ATE US (dust_mist)       0.49 mg//4h         Stin corrosion/inflation       : Causes skin imitation.         pH: 8       pH: 8         Serious eye damage/imitation       : Not classified         pSti Os in sensitisation       : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.         Serious eye damage/imitation       : Not classified         Sortious eye damage/imitation       : Not classified     <	Herculiner Truck Bed Liner Black	
Aylene, mixture of isomers (1330-20-7)         Use           LD50 oral rat         3523 mg/kg bodyweight (Equivalent or similar to EU Method B.1: Acute Toxicity (Oral), Rat, Male, Experimental value, Crai, 14 day(s))           ATE US (oral)         3523 mg/kg bodyweight           ATE US (oral)         3523 mg/kg bodyweight           ATE US (grama)         1100 mg/kg bodyweight           ATE US (gases)         4500 pmv/4h           ATE US (gases)         11 mg/i/4h           ATE US (gases)         11 mg/i/4h           ATE US (gases)         2000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Skin)           LD50 oral rat         > 9400 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Skin)           LC50 inhaiation rat (mg/l)         0.49 mg/i/4h         ATE US (gases)           ATE US (gases)         4500 pm/wh           ATE US (gases)         0.49 mg/i/4h           ATE US (gases)         0.49 mg/i/4h           ATE US (gases)         0.49 mg/i/4h           Skin corosion/irritation         cases skin irritation.           pH: 8         Serious eye damage/irritation           Serious eye damage/irritation         : Not classified           Cort-single exposure         : Not classified           Store-single exposure         : No		4 323 ma/l/4h
LD50 oral rat     3523 mg/kg bodyweight (Equivalent or similar to EU Method B.1: Acute Toxicity (Oral), Rat, Male, Experimental value, Oral, 14 day(s))       ATE US (oral)     3623 mg/kg bodyweight       ATE US (dermai)     1100 mg/kg bodyweight       ATE US (asses)     4500 ppm/vlh       ATE US (asses)     11 mg/uh4       ATE US (asses)     11 mg/uh4       ATE US (asses)     1.5 mg/uh4       ATE US (asses)     2000 mg/kg bodyweight (Other, Rat, Male / female, Experimental value, Oral)       LD50 oral rat     > 2000 mg/kg bodyweight (Other, Rat, Male / female, Experimental value, Oral)       LD50 oral rat     > 2000 mg/kg bodyweight (Other, Rat, Male / female, Experimental value, Oral)       LD50 dermal rabbit     > 2000 mg/kg bodyweight (Other, Rat, Male / female, Experimental value, Oral)       LD50 dermal rabbit     > 0400 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Skin)       LC50 Inhalation rat (mg/l)     0.49 mg/l/4h       ATE US (gaes)     4500 ppm/vh       ATE US (asses)     0.49 mg/l/4h       Skin corrosion/imitation     : Causes skin irritation. pH: 8       Serious eye damage/irritation     : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.       Germ cell mutagenicity     : Not classified       Stort-single exposure     : Not classified       Stort-single exposure     : Not classified	- ( ) )	4.020 mg///4m
Male, Experimenial value, Oral, 14 day(s))           ATE US (oral)         3523 mg/k podyweight           ATE US (dermal)         1100 mg/kg bodyweight           ATE US (gases)         4500 ppmv/4h           ATE US (dust, mist)         1.5 mg/l/4h           ATE US (dust, mist)         1.5 mg/l/4h           ATE US (dust, mist)         1.5 mg/l/4h           DS0 oral rat         > 2000 mg/kg bodyweight (Other, Rat, Male / female, Experimental value, Oral)           LD50 oral rat         > 2000 mg/kg bodyweight (Clubrar, Rat, Male / female, Experimental value, Oral)           LD50 dermal rabbit         > 2000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across)           ATE US (gases)         4500 ppm/l/4h           ATE US (gases)         4500 ppm/l/4h           ATE US (dust, mist)         0.49 mg/l/4h           ATE US (dust, mist)         0.49 mg/l/4h           Skin corosion/irritation         Fe (asses skin irritation, pH: 8           Serious eye damage/irritation         Not classified           pH: 8         Serious eye damage/irritation           Serious eye damage/irritation         Not classified           pH: 8         Supercited of causing cancer.           Serious eye damage/irritation         Not classified           Stront-single exposure         Not c		2522 mg//g had weight (Equivalent or similar to EUMethod B 1, Aguta Tavisity (Oral) Bat
ATE US (orai)       3523 mg/kg bodyweight         ATE US (dermal)       1100 mg/kg bodyweight         ATE US (qaese)       4500 ppm/4h         ATE US (qaese)       11 mg/4h         TATE US (qaese)       11 mg/4h         methylened[bhenyl diisocyanate, isomer mixture (26447.40-5)       15 mg/4h         LD50 orai rat       > 2000 mg/kg bodyweight (Other, Rat, Male / female, Experimental value, Orai)         LD50 dermal rabbit       > 9400 mg/kg bodyweight (Quivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Skin)         LC50 inhalation rat (mg/l)       0.49 mg/1/4h         ATE US (qaese)       4500 ppm/4h         ATE US (quers)       0.49 mg/1/4h         ATE US (quers)       0.49 mg/1/4h         ATE US (quers)       0.49 mg/1/4h         Skin corrosion/irritation       : Causes skin irritation. pH: 8         Serious eye damage/irritation       : Not classified         pH: 8       Supercled of causing cancer.         Reporductive toxicity       : Not classified         zorrinogenicity       : Not classified         zylone, mixture of isomers (1330-20-7)       Xylone has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory arimits. Prolonged and repeated inhalation of hydrocarbon solvents such as xylenc cause cardiac, liver and kidney effects, anemia andey damage in laboratory arimitals. Prolonged	LD50 orai fat	
ATE US (dermal)       1100 mg/kg bodyweight         ATE US (gases)       4500 ppmv/4h         ATE US (gases)       11 mg/l/4h         ATE US (dust,mist)       1.5 mg/l/4h         ATE US (dust,mist)       > 2000 mg/kg bodyweight (Other, Rat, Male / female, Experimental value, Oral)         LD50 oral rat       > 2000 mg/kg bodyweight (Cither, Rat, Male / female, Experimental value, Oral)         LD50 oral rat       > 2000 mg/kg bodyweight (Cither, Rat, Male / female, Experimental value, Oral)         LD50 dermal rabbit       > 2000 mg/kg bodyweight (Cither, Rat, Male / female, Experimental value, Oral)         LD50 dermal rabbit       > 2000 mg/kg bodyweight (Cither, Rat, Male / female, Experimental value, Oral)         LD50 dermal rabbit       > 2000 mg/kg bodyweight (Cither, Rat, Male / female, Experimental value, Oral)         LD50 dermal rabbit       0.49 mg/l/4h         RE US (gases)       4500 ppm/4h         ATE US (gases)       0.49 mg/l/4h         Skin corrosion/irritation       : Causes skin irritation.         pH: 8       8         Serious eye damage/irritation       : Mat classified         Carcinogenicity       : Not classified         StorT-single exposure       : Not classified         xylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents	ATE US (oral)	
ATE US (gases)       4500 ppmv/4h         ATE US (vapors)       11 mg//4h         ATE US (kust, mist)       15 mg//4h         methylenediphenyl diisocyanate, isomer mixture (26447-40-5)       D50 oral rat         LD50 oral rat       > 2000 mg/kg bodyweight (Other, Rat, Male / female, Experimental value, Oral)         LD50 dermal rabbit       > 2400 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Skin)         LC50 inhalation rat (mg/l)       0.49 mg//4h         ATE US (gases)       4500 ppmv/4h         ATE US (vapors)       0.49 mg//4h         ATE US (vapors)       0.49 mg//4h         Skin corrosion/intitation       : Causes skin irritation.         pH: 8       Serious eye damage/irritation         Serious eye damage/irritation       : Mot classified         pH: 8       Suspected of causing cancer.         Segrinatory or skin sensitisation       : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.         STOT-single exposure       : Not classified         xylene, mixture of isomers (1330-20-7)       X         Additional information       Xylene has been found to cause cardiac. liver and kidney effects, anemia and eye damage in laboratory animals.         STOT-repeated exposure       : Not classified         typene, mixtur		
ATE US (vapors)       11 mg//4h         ATE US (dust, mist)       1.5 mg//4h         ATE US (dust, mist)       1.5 mg//4h         DE050 oral rat       > 2000 mg/kg bodyweight (Other, Rat, Male / female, Experimental value, Oral)         LD50 dermal rabbit       > 9400 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Skin)         LC50 inhalation rat (mg/l)       0.49 mgl/4h (Equivalent or similar to OECD 402, 4 h, Rat, Male/female, Read-across)         ATE US (gases)       4500 pg/w/4h         ATE US (dust, mist)       0.49 mgl/4h         Skin corrosion/irritation       : Causes skin irritation.         pH: 8       Serious eye damage/irritation         Serious eye damage/irritation       : Nat classified         pH: 8       Supercled of causing cancer.         Reproductive toxicity       : Not classified         STOT-ingle exposure       : Not classified         Storatory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene canca use chronic exprosure to xylene has been shown to cause having local distingend inhalation, oral).         STOT-ingle exposure       : Not classified         Storatory animals. Prolonged		
methylerediphenyl diisocyanate, isomer mixture (26447-40-5)           LD50 oral rat         > 2000 mg/kg bodyweight (Other, Rat, Male / female, Experimental value, Oral)           LD50 dermal rabbit         > 9400 mg/kg bodyweight (Equivalent or similar to DECD 402, 24 h, Rabbit, Male / female, Read-across, Skin)           LC50 inhalation rat (mg/l)         0.49 mg/l/4h         Equivalent or similar to DECD 403, 4 h, Rat, Male/female, Read-across)           ATE US (gases)         4500 pm//4h         AtEUS (gases)         0.49 mg/l/4h           ATE US (asses)         0.49 mg/l/4h         AtEUS (gases)         0.49 mg/l/4h           Skin corrosion/irritation         : Causes skin irritation. pH: 8         .           Serious eye damage/irritation         : Not classified         .           PH: 8         .         .         .           Serious eye damage/irritation         : Not classified         .         .           Carcinogenicity         : Not classified         .         .           Carcinogenicity         : Not classified         .         .           Strongenicity         : Not classified         .         .           Carcinogenicity         : Not classified         .         .           Strongenicity         : Not classified         .         .           Strongenicity         : Not		11 mg/l/4h
LD50 oral rat       > 2000 mg/kg bodyweight (Other, Rat, Male / female, Experimental value, Oral)         LD50 oral rat       > 9400 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Skin)         LC50 inhalation rat (mg/l)       0.49 mg/l/4h (Equivalent or similar to OECD 403, 4 h, Rat, Male/female, Read-across)         ATE US (gases)       4500 pmv/4h         ATE US (dust.mist)       0.49 mg/l/4h         Skin corrosion/irritation       : Causes skin irritation.         pH: 8       8         Serious eye damage/irritation       : Not classified         pH: 8       8         Repoductive toxicity       : Not classified         STOT-single exposure       : Not classified         StoTo-single exposure       : Not classified         stoTorsingle exposure       : Not classified         StoTo-single exposure       : Not classified         stoTor-single exposure       : Not classified         stoTor-single exposure       : Not classified         stoTo-single exposure       : Not classified         stoTor-single	ATE US (dust, mist)	1.5 mg/l/4h
LD50 oral rat       > 2000 mg/kg bodyweight (Other, Rat, Male / female, Experimental value, Oral)         LD50 oral rat       > 9400 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Skin)         LC50 inhalation rat (mg/l)       0.49 mg/l/4h (Equivalent or similar to OECD 403, 4 h, Rat, Male/female, Read-across)         ATE US (gases)       4500 pmv/4h         ATE US (dust.mist)       0.49 mg/l/4h         Skin corrosion/irritation       : Causes skin irritation.         pH: 8       8         Serious eye damage/irritation       : Not classified         pH: 8       8         Repoductive toxicity       : Not classified         STOT-single exposure       : Not classified         StoTo-single exposure       : Not classified         stoTorsingle exposure       : Not classified         StoTo-single exposure       : Not classified         stoTor-single exposure       : Not classified         stoTor-single exposure       : Not classified         stoTo-single exposure       : Not classified         stoTor-single	methylenediphenyl dijsocyanate, isomer m	ixture (26447-40-5)
LD50 dermal rabbit       > 9400 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Skin)         LC50 inhalation rat (mg/l)       0.49 mg/l4h (Equivalent or similar to OECD 403, 4 h, Rat, Male/female, Read-across)         ATE US (gases)       4500 ppmv4h         ATE US (vapors)       0.49 mg/l4h         ATE US (utrinit)       0.49 mg/l4h         ATE US (dutrinit)       0.49 mg/l4h         Skin corrosion/irritation       : Causes skin irritation.         pH: 8       Serious eye damage/irritation         Serious eye damage/irritation       : Mot classified         pH: 8       May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.         Garen cell mutagenicity       : Not classified         Carcinogenicity       : Suspected of causing cancer.         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         xylene, mixture of isomers (1330-20-7)       Xylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene		
Read-across       Skin         LC50 inhalation rat (mg/l)       0.49 mg/l/4h (Equivalent or similar to OECD 403, 4 h, Rat, Male/female, Read-across)         ATE US (gases)       4500 ppm//4h         ATE US (dust.mist)       0.49 mg/l/4h         ATE US (dust.mist)       0.49 mg/l/4h         Skin corrosion/irritation       : Causes skin irritation.         pH: 8       : Serious eye damage/irritation         Serious eye damage/irritation       : Not classified         pH: 8       : Serious eye damage/irritation         Serious eye damage/irritation       : Not classified         pH: 8       : Suspected of causing cancer.         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         STOT-single exposure       : Not classified         xylene, mixture of isomers (1330-20-7)       X/lene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic exposure to xylene has been shown to cause charging loss in experimental animals.         STOT-repeated exposure       : May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).         Aspiration hazard       : Not classified       : Based on available data, the classification criteria are not met.         Symptoms/effects after inh	LD50 dermal rabbit	
ATE US (gases)       4500 ppmv/4h         ATE US (vapors)       0.49 mg/l/4h         ATE US (dust,mist)       0.49 mg/l/4h         ATE US (dust,mist)       0.49 mg/l/4h         Skin corrosion/irritation       : Causes skin irritation. pH: 8         Serious eye damage/irritation       : Not classified pH: 8         Serious eye damage/irritation       : Not classified         Garm cell mutagenicity       : Not classified         Carcinogenicity       : Suspected of causing cancer.         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         Xylene, mixture of isomers (1330-20-7)       Xylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated ininalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.         STOT-repeated exposure       : May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).         Stymptoms/effects after inhalation       : Based on available data, the classification criteria are not met.         Symptoms/effects after skin contact       : Causes skin irritation. May cause and loss of coordination.         Symptoms/effects after skin contact       : Causes serious eye irritation.		Read-across, Skin)
ATE US (vapors)       0.49 mg/l/4h         ATE US (dust, mist)       0.49 mg/l/4h         Skin corrosion/irritation       : Causes skin irritation.         pH: 8       B         Serious eye damage/irritation       : Not classified         pH: 8       B         Respiratory or skin sensitisation       : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.         Germ cell mutagenicity       : Not classified         Carcinogenicity       : Suspected of causing cancer.         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         xylene, mixture of isomers (1330-20-7)       Xylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.         STOT-repeated exposure       : May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).         Aspiration hazard       : Not classified         Symptoms/effects after inhalation       : May cause allergy or asthma symptoms or breating difficulties if inhaled. Prolonged exposure to simal concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headednes		· · · · · · · · · · · · · · · · · · ·
ATE US (dust,mist)       0.49 mg/l/4h         Skin corrosion/irritation       : Causes skin irritation.         pH: 8       Not classified         Serious eye damage/irritation       : Not classified         pH: 8       Respiratory or skin sensitisation         Germ cell mutagenicity       : Not classified         Carcinogenicity       : Suspected of causing cancer.         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         xylene, mixture of isomers (1330-20-7)       Additional information         Additional information       Xylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.         STOT-repeated exposure       : May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).         Aspiration hazard       : Not classified         * Symptoms/effects after inhalation       : Based on available data, the classification criteria are not met.         symptoms/effects after skin contact       : Causes allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure to small concertariations may result in pulmonary edema. Yapor inhalation and/or skin absorption can cause central nervous system effects, including dizzine		
Skin corrosion/irritation       :       Causes skin irritation.         pH: 8       :       Not classified         pH: 8       Respiratory or skin sensitisation       :       Nay cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.         Germ cell mutagenicity       :       Not classified         Carcinogenicity       :       Suspected of causing cancer.         Reproductive toxicity       :       Not classified         STOT-single exposure       :       Not classified         Xylene, mixture of isomers (1330-20-7)       Xylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.         STOT-repeated exposure       :       May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).         Aspiration hazard       :       Not classified         Potential adverse human health effects and symptoms       :       Based on available data, the classification criteria are not met.         Symptoms/effects after inhalation       :       May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure to sylane allergic skin reaction.         Symptoms/effects after skin contact		•
Serious eye damage/irritationpH: 8 : Not classified pH: 8Respiratory or skin sensitisation: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.Germ cell mutagenicity: Not classified : Suspected of causing cancer.Carcinogenicity: Not classified : Not classified : Not classifiedCarcinogenicity: Not classified : Not classifiedStord-single exposure: Not classifiedStord-single exposure: Not classifiedAdditional informationXylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.STOT-repeated exposure: May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).Aspiration hazard: Not classifiedPotential adverse human health effects and symptoms: Based on available data, the classification criteria are not met.Symptoms/effects after inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause sectiral nervous system effects, including dizziness, light-headedness, headache, nausea and loss of coordination.Symptoms/effects after skin contact: Causes skin irritation. May cause an allergic skin reaction.Symptoms/effects after skin contact: Causes serious eye irritation. </td <td>ATE US (dust,mist)</td> <td>0.49 mg/l/4h</td>	ATE US (dust,mist)	0.49 mg/l/4h
Serious eye damage/irritation       i       Not classified pH: 8         Respiratory or skin sensitisation       :       May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.         Germ cell mutagenicity       :       Not classified         Carcinogenicity       :       Not classified         Carcinogenicity       :       Not classified         Carcinogenicity       :       Not classified         Stypenductive toxicity       :       Not classified         STOT-single exposure       :       Not classified         Additional information       Xylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.         STOT-repeated exposure       :       May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).         Aspiration hazard       :       Not classified         Potential adverse human health effects and symptoms       :       Based on available data, the classification criteria are not met.         Symptoms/effects after inhalation       :       May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure to small concentrations m	Skin corrosion/irritation	: Causes skin irritation.
pH: 8         Respiratory or skin sensitisation       : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.         Germ cell mutagenicity       : Not classified         Carcinogenicity       : Suspected of causing cancer.         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         Xylene, mixture of isomers (1330-20-7)       Xylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.         STOT-repeated exposure       : May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).         Aspiration hazard       : Not classified         Symptoms/effects after inhalation       : May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headedness, headache, nausea and loss of coordination.         Symptoms/effects after eye contact       : Causes serious eye irritation.		pH: 8
Respiratory or skin sensitisationMay cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.Germ cell mutagenicityNot classifiedCarcinogenicitySuspected of causing cancer.Reproductive toxicityNot classifiedSTOT-single exposureNot classified <b>xylene, mixture of isomers (1330-20-7)</b> Additional informationXylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.STOT-repeated exposureMay cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).Aspiration hazardNot classifiedSymptoms/effects after inhalationMay cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headedness, headache, nausea an allorgi cskin reaction.Symptoms/effects after skin contactCauses skin irritation. May cause an allergi cskin reaction.Symptoms/effects after system contactCauses serious eye irritation.Symptoms/effects after system contactCauses serious eye irritation.	Serious eye damage/irritation	: Not classified
allergic skin reaction.         Germ cell mutagenicity       : Not classified         Carcinogenicity       : Suspected of causing cancer.         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         xylene, mixture of isomers (1330-20-7)       Xylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.         STOT-repeated exposure       : May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).         Aspiration hazard       : Not classified         Symptoms/effects after inhalation       : May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headedness, headache, nausea and loss of cordination.         Symptoms/effects after skin contact       : Causes skin irritation. May cause an allergic skin reaction.         Symptoms/effects after skin contact       : Causes serious eye irritation.		
Carcinogenicity: Suspected of causing cancer.Reproductive toxicity: Not classifiedSTOT-single exposure: Not classifiedxylene, mixture of isomers (1330-20-7)Additional informationXylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.STOT-repeated exposure: May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).Aspiration hazard: Not classifiedPotential adverse human health effects and symptoms: Based on available data, the classification criteria are not met.Symptoms/effects after inhalation: May cause allergy or astma symptoms or breathing difficulties if inhaled. Prolonged exposure to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizzness, light-headedness, headache, nausea and loss of coordination.Symptoms/effects after skin contact: Causes serious eye irritation. May cause an allergic skin reaction.Symptoms/effects after eye contact: Causes serious eye irritation.	Respiratory or skin sensitisation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         xylene, mixture of isomers (1330-20-7)       Xylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.         STOT-repeated exposure       : May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).         Aspiration hazard       : Not classified         Potential adverse human health effects and symptoms       : Based on available data, the classification criteria are not met.         Symptoms/effects after inhalation       : May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure to sylene acuse central nervous system effects, including dizziness, light-headedness, headache, nausea and loss of coordination.         Symptoms/effects after skin contact       : Causes skin irritation. May cause an allergic skin reaction.         Symptoms/effects after eye contact       : Causes serious eye irritation.	Germ cell mutagenicity	: Not classified
STOT-single exposure       : Not classified         xylene, mixture of isomers (1330-20-7)       Xylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.         STOT-repeated exposure       : May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).         Aspiration hazard       : Not classified         Potential adverse human health effects and symptoms       : Based on available data, the classification criteria are not met.         Symptoms/effects after inhalation       : May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headedness, headache, nausea and loss of coordination.         Symptoms/effects after skin contact       : Causes skin irritation. May cause an allergic skin reaction.         Symptoms/effects after eye contact       : Causes serious eye irritation.	Carcinogenicity	: Suspected of causing cancer.
xylene, mixture of isomers (1330-20-7)         Additional information       Xylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.         STOT-repeated exposure       : May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).         Aspiration hazard       : Not classified         Potential adverse human health effects and symptoms       : Based on available data, the classification criteria are not met.         Symptoms/effects after inhalation       : May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headedness, headache, nausea and loss of coordination.         Symptoms/effects after skin contact       : Causes skin irritation. May cause an allergic skin reaction.         Symptoms/effects after skin contact       : Causes serious eye irritation.	Reproductive toxicity	: Not classified
Additional information       Xylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.         STOT-repeated exposure       : May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).         Aspiration hazard       : Not classified         Potential adverse human health effects and symptoms       : Based on available data, the classification criteria are not met.         Symptoms/effects after inhalation       : May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headedness, headache, nausea and loss of coordination.         Symptoms/effects after eye contact       : Causes skin irritation. May cause an allergic skin reaction.	STOT-single exposure	: Not classified
Additional information       Xylene has been found to cause cardiac, liver and kidney effects, anemia and eye damage in laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.         STOT-repeated exposure       : May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).         Aspiration hazard       : Not classified         Potential adverse human health effects and symptoms       : Based on available data, the classification criteria are not met.         Symptoms/effects after inhalation       : May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headedness, headache, nausea and loss of coordination.         Symptoms/effects after eye contact       : Causes skin irritation. May cause an allergic skin reaction.	xylene mixture of isomers (1330-20-7)	
Iaboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to cause hearing loss in experimental animals.STOT-repeated exposure: May cause damage to organs (Respiratory tract) through prolonged or repeated exposure (Inhalation, oral).Aspiration hazard: Not classifiedPotential adverse human health effects and 		Xylene has been found to cause cardiac, liver and kidney effects, anemia and eve damage in
Aspiration hazard       : Not classified         Potential adverse human health effects and symptoms       : Based on available data, the classification criteria are not met.         Symptoms       : May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headedness, headache, nausea and loss of coordination.         Symptoms/effects after skin contact       : Causes skin irritation. May cause an allergic skin reaction.         Symptoms/effects after eye contact       : Causes serious eye irritation.		laboratory animals. Prolonged and repeated inhalation of hydrocarbon solvents such as xylene can cause chronic neurological disturbances. Chronic exposure to xylene has been shown to
<ul> <li><sup>1</sup> Potential adverse human health effects and symptoms</li> <li><sup>2</sup> Based on available data, the classification criteria are not met.</li> <li><sup>3</sup> May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headedness, headache, nausea and loss of coordination.</li> <li><sup>3</sup> Symptoms/effects after skin contact</li> <li><sup>4</sup> Causes skin irritation. May cause an allergic skin reaction.</li> <li><sup>5</sup> Causes serious eye irritation.</li> </ul>	STOT-repeated exposure	
symptoms       . May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged exposure to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headedness, headache, nausea and loss of coordination.         Symptoms/effects after skin contact       : Causes skin irritation. May cause an allergic skin reaction.         Symptoms/effects after eye contact       : Causes serious eye irritation.	Aspiration hazard	: Not classified
by to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headedness, headache, nausea and loss of coordination.Symptoms/effects after skin contact: Causes skin irritation. May cause an allergic skin reaction.Symptoms/effects after eye contact: Causes serious eye irritation.		: Based on available data, the classification criteria are not met.
Symptoms/effects after eye contact : Causes serious eye irritation.	Symptoms/effects after inhalation	to small concentrations may result in pulmonary edema. Vapor inhalation and/or skin absorption can cause central nervous system effects, including dizziness, light-headedness,
	Symptoms/effects after skin contact	: Causes skin irritation. May cause an allergic skin reaction.
	Symptoms/effects after eye contact	: Causes serious eye irritation.
	Symptoms/effects after ingestion	: Nausea. Gastrointestinal complaints. Dizziness.

SECTION 12: Ecological information	
12.1. Toxicity	
xylene, mixture of isomers (1330-20-7)	
LC50 fish 1	2.60 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static renewal, Fresh water, Read-across, Lethal)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

xylene, mixture of isomers (1330-20-7)	
ErC50 (algae)	4.36 mg/l (OECD 201: Alga, Growth Inhibition Test, 73 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
methylenediphenyl diisocyanate, isomer mixture (26447-40-5)	
LC50 fish 1	> 1,000.00 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Static system, Fresh water, Read-across, Lethal)
EC50 Daphnia 1	> 1,000.00 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 24 h, Daphnia magna, Static system, Fresh water, Read-across)

# 12.2. Persistence and degradability

xylene, mixture of isomers (1330-20-7)	
Persistence and degradability Biodegradable in the soil. Readily biodegradable in water.	
methylenediphenyl diisocyanate, isomer mixture (26447-40-5)	
Persistence and degradability	Contains non readily biodegradable component(s).

## 12.3. Bioaccumulative potential

xylene, mixture of isomers (1330-20-7)		
BCF fish 1	15.00 8 weeks; Salmo gairdneri (Oncorhynchus mykiss)	
BCF fish 2	7 - 26 (8 weeks; Oncorhynchus mykiss)	
Log Pow	3.20 (Read-across, 20 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	
methylenediphenyl diisocyanate, isomer mixture (26447-40-5)		
BCF fish 1	92.00 (OECD 305: Bioconcentration: Flow-Through Fish Test, 28 day(s), Cyprinus carpio, Flow-through system, Fresh water, Read-across, GLP)	
Log Pow	4.51 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 22 °C)	
Bioaccumulative potential	Does not contain bioaccumulative component(s).	

# 12.4. Mobility in soil

xylene, mixture of isomers (1330-20-7)	
Surface tension	28.01 - 29.76 mN/m (25 °C)
Log Koc	2.73 (log Koc, Equivalent or similar to OECD 121, Read-across)
Ecology - soil	Low potential for adsorption in soil. May be harmful to plant growth, blooming and fruit formation.
methylenediphenyl diisocyanate, isomer miz	xture (26447-40-5)
Ecology - soil	No (test)data on mobility of the components available.
2.5. Other adverse effects	
Effect on the ozone layer	: No additional information available
Other information	: Avoid release to the environment.
SECTION 13: Disposal consideration	IS
13.1. Waste treatment methods	
Product/Packaging disposal recommendations	<ul> <li>Dispose of contents/container to appropriate waste disposal facility, in accordance with local/regional/national/international regulations.</li> </ul>
Additional information	: Handle empty containers with care because residual vapors are flammable.
Ecology - waste materials	: Avoid release to the environment.
SECTION 14: Transport information	

# **Department of Transportation (DOT)**

# In accordance with DOT

Other information

: DOT Limited Quantity Exemption (49 CFR 173.150) Outer Packaging: "Limited Quantity" and ISO orientation arrows. Pallets: If "Limited Quantity" on outer packaging is visible labeling not required. Otherwise label as "Limited Quantity." Container/Trailer: None required.

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### **Transportation of Dangerous Goods**

## Refer to current TDG Canada for further Canadian regulations

### Transport by sea

In accordance with IMDG / IMO

Transport document description (IMDG)	: UN 1263 PAINT, 3, III
UN-No. (IMDG)	: 1263
Proper Shipping Name (IMDG)	: PAINT
Class (IMDG)	: 3 - Flammable liquids
Packing group (IMDG)	: III - substances presenting low danger
Limited quantities (IMDG)	: Transport and packing are in accordance with the regulation for limited quantities.
Limited quantities (IMDG)	: 5 L
EmS-No. (1)	: F-E
EmS-No. (2)	: S-E

### Air transport

In accordance with IATA / ICAO

Transport document description (IATA)	: UN 1263 Paint, 3, III
UN-No. (IATA)	: 1263
Proper Shipping Name (IATA)	: Paint
Class (IATA)	: 3 - Flammable Liquids
Packing group (IATA)	: III - Minor Danger

# **SECTION 15: Regulatory information**

15.1. US Federal regulations

Herculiner Truck Bed Liner Black		
EPA TSCA Regulatory Flag	Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed	
xylene, mixture of isomers (1330-20-7)		
SARA Section 313 - Emission Reporting 1 % Subject to Form R - Reporting requirements; Subject to Supplier notification		
methylenediphenyl diisocyanate, isomer mixture (26447-40-5)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		

### 15.2. International regulations

#### CANADA

Herculiner Truck Bed Liner Black	
WHMIS Classification	This SDS has been prepared according to the criteria of the Hazardous Products Regulations (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR. Applicable GHS information is listed in section 2.2 of this SDS.
methylenediphenyl diisocyanate, isomer mixture (26447-40-5)	
Listed on the Canadian DSL (Domestic Substances List)	

#### 15.3. US State regulations

California Proposition 65 - This product does not contain any substance(s) known to the state of California to cause cancer, developmental toxicity and/or reproductive toxicity

# xylene, mixture of isomers (1330-20-7) U.S. - Pennsylvania - RTK (Right to Know) List U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Massachusetts - Right To Know List

New York- Reporting of Releases Par 597- List of Hazardous Substances: 1000 lb RQ (air); 1 lb RQ (land/water)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

# SECTION 16: Other information

Revision date

: 11/21/2019

### Full text of H-statements:

H226	Flammable liquid and vapor
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.

#### NFPA health hazard

NFPA fire hazard

NFPA reactivity

: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

: 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.

: 0 - Material that in themselves are normally stable, even under fire conditions.



### SDS GHS US (GHS HazCom 2012) OWI

Old World Industries, LLC makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by Old World Industries, LLC as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does Old World Industries, LLC assume liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.