Herculiner Aerosol Truck Bed Liner

Safety Data Sheet

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

Revision date: 10/01/2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture

Product name : Herculiner Aerosol Truck Bed Liner

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Truck Bed Liner

1.3. Details of the supplier of the safety data sheet

Old World Industries, LLC
3100 Sanders Road
Northbrook, IL 60062 - USA
T (847) 559-2000
www.oldworldind.com

1.4. Emergency telephone number

Emergency number : 800 424 9300 (United States); 00 1 703 527 3887 (International)
Chemtrec

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Flammable aerosols, Category 1	H222	Extremely flammable aerosol.
Gases under pressure : Compressed gas	H280	Contains gas under pressure; may explode if heated.
Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation.
Reproductive toxicity, Category 2	H361	Suspected of damaging fertility or the unborn child.
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336	May cause drowsiness or dizziness.
Specific target organ toxicity — Repeated exposure, Category 1	H372	Causes damage to organs (central nervous system) through prolonged or repeated exposure.

Full text of H statements : see section 16

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US) :

GHS02 GHS04 GHS07 GHS08

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) :
H222 - Extremely flammable aerosol.
H280 - Contains gas under pressure; may explode if heated.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
H361 - Suspected of damaging fertility or the unborn child.
H372 - Causes damage to organs (central nervous system) through prolonged or repeated exposure.

Precautionary statements (GHS-US) :
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

Precautionary statements (GHS-US) *continued* : smoking. heat, hot surfaces, open flames, sparks
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P260 - Do not breathe vapors, mist, gas, fume, spray
P264 - Wash affected areas thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear personal protective equipment as required.
P302+P352 - If on skin: Wash with plenty of water
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P312 - Call doctor/physician or poison center if you feel unwell
P314 - Get medical advice/attention if you feel unwell.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P410+P403 - Protect from sunlight. Store in a well-ventilated place.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with local/regional/national/international regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	% by wt	GHS-US classification
acrylic resin	(CAS-No.) 28262-63-7	15 - 25	Not classified
propane	(CAS-No.) 74-98-6	15.75	Flam. Gas 1, H220
acetone	(CAS-No.) 67-64-1	13.8	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
stoddard solvent	(CAS-No.) 8052-41-3	10.32	Muta. 1B, H340 Carc. 1B, H350 STOT RE 1, H372 Asp. Tox. 1, H304
n-butane	(CAS-No.) 106-97-8	9.25	Flam. Gas 1, H220 Press. Gas (Liq.), H280
isobutyl acetate	(CAS-No.) 110-19-0	6.33	Flam. Liq. 2, H225
hexane	(CAS-No.) 110-54-3	6	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304
xylene	(CAS-No.) 1330-20-7	5.23	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
PM acetate	(CAS-No.) 108-65-6	4.35	Flam. Liq. 3, H226
talc	(CAS-No.) 14807-96-6	2.61	Carc. 1A, H350
carbon black	(CAS-No.) 1333-86-4	1.92	Carc. 2, H351

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 : IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation	:	Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	:	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	:	Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	:	May cause drowsiness or dizziness.
Symptoms/effects after skin contact	:	Irritation.
Symptoms/effects after eye contact	:	Eye irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire hazard	:	Extremely flammable aerosol.
Explosion hazard	:	Pressurised container: May burst if heated.
Reactivity	:	Extremely flammable aerosol. Pressurised container: May burst if heated.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	:	No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe fume, gas, mist, spray, vapors.

6.1.2. For emergency responders

Protective equipment	:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	:	Mechanically recover the product. Notify authorities if product enters sewers or public waters.
Other information	:	Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe fume, gas, mist, spray, vapors. Avoid contact with skin and eyes.
Hygiene measures	:	Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Keep container tightly closed. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

propane (74-98-6)		
OSHA	OSHA PEL (TWA) (mg/m³)	1800 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm

acetone (67-64-1)		
ACGIH	Local name	Acetone
ACGIH	ACGIH TWA (ppm)	250 ppm
ACGIH	ACGIH STEL (ppm)	500 ppm
ACGIH	Remark (ACGIH)	eye irritant; Central Nervous System impairment; Biological Exposure Indices
OSHA	OSHA PEL (TWA) (mg/m³)	2400 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm

n-butane (106-97-8)		
ACGIH	Local name	Butane, all isomers
ACGIH	ACGIH STEL (ppm)	1000 ppm

isobutyl acetate (110-19-0)		
ACGIH	Local name	Isobutyl acetate
ACGIH	ACGIH TWA (ppm)	150 ppm
ACGIH	Remark (ACGIH)	Eye & upper respiratory tract irritant
OSHA	OSHA PEL (TWA) (mg/m³)	700 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	150 ppm

hexane (110-54-3)		
ACGIH	Local name	n-Hexane
ACGIH	ACGIH TWA (ppm)	50 ppm
ACGIH	Remark (ACGIH)	Central Nervous System impairment; peripheral neuropathy; eye irritant; skin; Biological Exposure Indices
OSHA	OSHA PEL (TWA) (mg/m³)	1800 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	500 ppm

xylene (1330-20-7)		
ACGIH	Local name	Xylene
ACGIH	ACGIH TWA (mg/m³)	434 mg/m³
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	ACGIH STEL (mg/m³)	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/m³)	435 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
OSHA	OSHA PEL (STEL) (mg/m³)	655 mg/m³
OSHA	OSHA PEL (STEL) (ppm)	150 ppm

PM acetate (108-65-6)		
Not applicable		

stoddard solvent (8052-41-3)		
ACGIH	Local name	Stoddard solvent
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	Remark (ACGIH)	Eye, skin, & kidney dam;
OSHA	OSHA PEL (TWA) (mg/m³)	2900 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	500 ppm

talc (14807-96-6)		
ACGIH	Local name	Talc (2009) Containing no asbestos fibers
ACGIH	ACGIH TWA (mg/m³)	2 mg/m³

carbon black (1333-86-4)		
ACGIH	Local name	Carbon black
ACGIH	ACGIH TWA (mg/m³)	3 mg/m³
ACGIH	Remark (ACGIH)	Bronchitis
OSHA	OSHA PEL (TWA) (mg/m³)	3.5 mg/m³

acrylic resin (28262-63-7)
Not applicable

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Protective goggles. Gloves. Insufficient ventilation: wear respiratory protection.

Materials for protective clothing:

nitrile rubber

Hand protection:

Protective gloves

Eye protection:

Wear closed safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Not required for normal conditions of use. If exposed to levels above exposure limits wear appropriate respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Gas

Color : Black

Odor	:	aromatic
Odor threshold	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Freezing point	:	No data available
Boiling point	:	-44 °C (-47 ºF)
Flash point	:	-19 °C (-2 ºF)
Auto-ignition temperature	:	Product is not self-igniting
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Extremely Flammable
Vapor pressure	:	2750 hPa(a) (40 PSI)
Relative vapor density at 20 °C	:	No data available
Specific Gravity	:	0.77 - 0.85
Density	:	0.77 - 0.85
Percent Solids	:	27.1 %
Solubility	:	Water:
Log Pow	:	No data available
Log Kow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive limits	:	1 - 10.9 vol %
Explosive properties	:	In use, may form flammable / explosive vapor air mixture. Pressurised container: May burst if heated.
Oxidizing properties	:	No data available

9.2. Other information

VOC content	:	521.6 g/l / 4.35 lb/gl]
Percent Solids	:	27.1 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition. Do not allow can to exceed 120 ºF (48 ºC). Do not warehouse in subfreezing temperatures.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

propane (74-98-6)	
LC50 inhalation rat (ppm)	> 800000 ppm (15 minutes, Rat, Male / female, Experimental value, Inhalation (gases))

acetone (67-64-1)	
LD50 oral rat	5800 mg/kg (Equivalent or similar to OECD 401, Rat, Female, Experimental value, Oral)
LD50 dermal rabbit	20000 mg/kg (Equivalent or similar to OECD 402, Rabbit, Male, Experimental value, Dermal)
LC50 inhalation rat (mg/l)	76 mg/l (Other, 4 h, Rat, Female, Experimental value, Inhalation (vapours))
ATE US (oral)	5800 mg/kg bodyweight

acetone (67-64-1)	
ATE US (dermal)	20000 mg/kg bodyweight
ATE US (gases)	30000 ppmv/4h
ATE US (vapors)	71 mg/l/4h
ATE US (dust,mist)	71 mg/l/4h

isobutyl acetate (110-19-0)	
LD50 oral rat	13413 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male, Experimental value, Oral, 014 day(s))
LD50 dermal rabbit	> 17400 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s))
LC50 inhalation rat (mg/l)	> 30 mg/l (EPA OTS 798.6050, 6 h, Rat, Male / female, Read-across, Inhalation (vapours), 14 day(s))
ATE US (oral)	13400 mg/kg bodyweight

hexane (110-54-3)	
LD50 oral rat	16000 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral)
LD50 dermal rabbit	> 3350 mg/kg bodyweight (Equivalent or similar to OECD 402, 4 h, Rabbit, Male, Read-across, Dermal)
LC50 inhalation rat (ppm)	> 5000 ppm (Equivalent or similar to OECD 403, 24 h, Rat, Male, Experimental value, Inhalation (vapours))
ATE US (oral)	16000 mg/kg bodyweight

xylene (1330-20-7)	
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)	3523 mg/kg bodyweight
ATE US (dermal)	1100 mg/kg bodyweight
ATE US (gases)	4500 ppmv/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust,mist)	1.5 mg/l/4h

PM acetate (108-65-6)	
LD50 oral rat	6190 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral)
LD50 dermal rabbit	> 5000 mg/kg bodyweight (Equivalent or similar to OECD 402, Rabbit, Male / female, Experimental value, Dermal)
ATE US (oral)	6190 mg/kg bodyweight

talc (14807-96-6)	
LD50 oral rat	> 5000 mg/kg bodyweight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
LC50 inhalation rat (mg/l)	> 2.1 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 15 day(s))

carbon black (1333-86-4)	
LD50 oral rat	> 8000 mg/kg (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral)
LD50 dermal rabbit	> 3000 mg/kg (Rabbit, Literature study, Dermal)
LC50 inhalation rat (mg/l)	> 4.6 mg/l air (4 h, Rat, Experimental value, Inhalation)

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Suspected of damaging fertility or the unborn child.

STOT-single exposure : May cause drowsiness or dizziness.

xylene (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 : Causes damage to organs (central nervous system) through prolonged or repeated exposure.

Aspiration hazard : Not classified

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after skin contact : Irritation.

Symptoms/effects after eye contact : Eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

propane (74-98-6)	
LC50 fish 1	24.00 mg/l (96 h, Pisces, Literature study)
EC50 Daphnia 1	7.00 mg/l (48 h, Daphnia magna, Literature study)
LC50 fish 2	49.90 mg/l (96 h, Pisces, Fresh water, QSAR)

acetone (67-64-1)	
LC50 fish 1	5,540.00 mg/l (EU Method C.1, 96 h, Salmo gairdneri, Static system, Fresh water, Experimental value, Nominal concentration)

n-butane (106-97-8)	
LC50 fish 1	> 1,000.00 mg/l (96 h, Pimephales promelas, QSAR)

isobutyl acetate (110-19-0)	
LC50 fish 1	16.60 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oryzias latipes, Semi-static system, Fresh water, Experimental value, GLP)
EC50 Daphnia 1	24.60 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, GLP)
ErC50 (algae)	397.00 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

xylene (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)
ErC50 (algae)	4.36 mg/l (OECD 201: Alga, Growth Inhibition Test, 73 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

PM acetate (108-65-6)	
LC50 fish 1	100 - 180 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 Daphnia 1	> 500.00 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Nominal concentration)

talc (14807-96-6)	
LC50 fish 1	89,581.00 mg/l (ECOSAR v1.00, 96 h, Pisces, Fresh water, QSAR)

carbon black (1333-86-4)	
LC50 fish 1	> 1,000.00 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Literature study)
EC50 Daphnia 1	> 5,600.00 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 24 h, Daphnia magna, Static system, Fresh water, Experimental value)

12.2. Persistence and degradability

Herculiner Aerosol Truck Bed Liner	
Persistence and degradability	This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), or chlorinated solvents.

propane (74-98-6)	
Persistence and degradability	Readily biodegradable in water.

acetone (67-64-1)	
Persistence and degradability	Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.43 g O_2/g substance
Chemical oxygen demand (COD)	1.92 g O_2/g substance
ThOD	2.20 g O_2/g substance
BOD (% of ThOD)	0.87 (20 day(s), Literature study)

n-butane (106-97-8)	
Persistence and degradability	Readily biodegradable in water.

isobutyl acetate (110-19-0)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
ThOD	2.20 g O_2/g substance
BOD (% of ThOD)	0.60

hexane (110-54-3)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
ThOD	3.52 g O_2/g substance

xylene (1330-20-7)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.

PM acetate (108-65-6)	
Persistence and degradability	Readily biodegradable in the soil. Readily biodegradable in water.

talc (14807-96-6)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

carbon black (1333-86-4)	
Persistence and degradability	Biodegradability in soil: not applicable. Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

12.3. Bioaccumulative potential

propane (74-98-6)	
BCF fish 1	9 - 25 (Pisces, QSAR)
Log Pow	1.09 - 2.8 (Experimental value, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

acetone (67-64-1)	
BCF fish 1	0.69 (Pisces)
BCF other aquatic organisms 1	3.00 (BCFWIN, Calculated value)
Log Pow	-0.24 (Test data)
Bioaccumulative potential	Not bioaccumulative.

n-butane (106-97-8)	
Log Pow	2.89 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

isobutyl acetate (110-19-0)	
Log Pow	2.30 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

hexane (110-54-3)	
BCF fish 1	501.19 (Other, Pimephales promelas, QSAR)
Log Pow	4.00 (Experimental value, Equivalent or similar to OECD 107, 20 °C)
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).

xylene (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).

PM acetate (108-65-6)	
Log Pow	1.20 (Experimental value, Equivalent or similar to OECD 117, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

stoddard solvent (8052-41-3)	
Log Pow	3.16 - 7.06

talc (14807-96-6)	
BCF other aquatic organisms 1	3.16 l/kg (BCFBAF v3.01, Fresh water, QSAR)
Log Pow	-9.40 (QSAR, KOWWIN, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

carbon black (1333-86-4)	
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

propane (74-98-6)	
Surface tension	0.02 N/m (-47 °C)
Ecology - soil	Not applicable (gas).

acetone (67-64-1)	
Surface tension	0.02 N/m
Ecology - soil	No (test)data on mobility of the substance available.

n-butane (106-97-8)	
Surface tension	< 0.10 N/m (0 °C)
Ecology - soil	Not applicable (gas).

isobutyl acetate (110-19-0)	
Surface tension	62.50 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions)
Log Koc	1.193 - 1.844 (log Koc, SRC PCKOCWIN v2.0, QSAR)
Ecology - soil	Highly mobile in soil.

hexane (110-54-3)	
Surface tension	0.02 N/m (25 °C, 1 g/l)
Log Koc	Koc,2187.76; Quantitative Study-Activity Releationship; log Koc; 3.34; Quantitative Study-Activity Releationship
Ecology - soil	Low potential for mobility in soil.

xylene (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.

PM acetate (108-65-6)	
Surface tension	29.40 mN/m (20 °C, 100 vol %, EU Method A.5: Surface tension)
Log Koc	log Koc,0.264; Quantitative Structure Activity Relationship
Ecology - soil	Highly mobile in soil.

stoddard solvent (8052-41-3)	
Log Koc	2.85 - 6.74 (log Koc)

talc (14807-96-6)	
Log Koc	1.50 (log Koc, SRC PCKOCWIN v2.0, QSAR)
Ecology - soil	Highly mobile in soil.

carbon black (1333-86-4)	
Ecology - soil	Adsorbs into the soil. Not toxic to plants. Not toxic to animals.

12.5. Other adverse effects

Effect on global warming : No known effects from this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Dispose of contents/container, in a safe manner, to appropriate waste disposal facility, in accordance with local/regional/national/international regulations. Do not pierce or burn, even after use.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN1950 Aerosols (flammable, Consumer Commodity ORM-D), 2.1

UN-No.(DOT) : UN1950

Proper Shipping Name (DOT) : Aerosols
flammable, Consumer Commodity ORM-D

Class (DOT) : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115

Hazard labels (DOT) : 2.1 - Flammable gas

DOT Packaging Non Bulk (49 CFR 173.xxx) : None

DOT Packaging Bulk (49 CFR 173.xxx) : None

DOT Special Provisions (49 CFR 172.102) : N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.

DOT Packaging Exceptions (49 CFR 173.xxx) : 306

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg

DOT Vessel Stowage Location : A - The material may be stowed ''on deck'' or ''under deck'' on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other : 25 - Shade from radiant heat,87 - Stow ''separated from'' Class 1 (explosives) except Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials

Emergency Response Guide (ERG) Number : 126

Other information : **Stowage Code:** SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. **Segregation Code:** SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

Special transport precautions : Warning: Gases.

Transportation of Dangerous Goods

Refer to current TDG Canada for further Canadian regulations

ADR

Class (ADR)	:	2 - Gases
Classification code (ADR)	:	5F
Subsidiary risk (ADR)	:	Warning: Gases, **Excepted Quantities (EQ):** Code: E0 Not Permitted as Excepted Quantity

Transport by sea

In accordance with IMDG / IMO

Transport document description (IMDG)	:	UN 1950 AEROSOLS, 2.1
UN-No. (IMDG)	:	1950
Proper Shipping Name (IMDG)	:	AEROSOLS
Class (IMDG)	:	2 - Gases
Limited quantities (IMDG)	:	1L **Excepted quantities (EQ):** Code: E0 (Not permitted as Excepted Quantity)
EmS-No. (1)	:	F-D
EmS-No. (2)	:	S-U

Air transport

In accordance with IATA / ICAO

Transport document description (IATA)	:	UN 1950 Aerosols, flammable, 2.1
UN-No. (IATA)	:	1950
Proper Shipping Name (IATA)	:	Aerosols, flammable
Class (IATA)	:	2.1 - Gases : Flammable

SECTION 15: Regulatory information

15.1. US Federal regulations

Herculiner Aerosol Truck Bed Liner	
SARA Section 313 - Emission Reporting	110-54-3 (hexane); 1330-20-7 (xylene, mix)

propane (74-98-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory Not subject to reporting requirements of the United States SARA Section 313

acetone (67-64-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	EPA: I
CERCLA RQ	5000 lb(s)

n-butane (106-97-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory Not subject to reporting requirements of the United States SARA Section 313

isobutyl acetate (110-19-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Not subject to reporting requirements of the United States SARA Section 313	
EPA TSCA Regulatory Flag	EPA: D
CERCLA RQ	5000 lb(s)

hexane (110-54-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
EPA TSCA Regulatory Flag	EPA: II
RQ (Reportable quantity, section 304 of EPA's List of Lists)	5000 lb(s) (2,270 kg)

xylene (1330-20-7)	
SARA Section 313 - Emission Reporting	1 % Subject to Form R - Reporting requirements; Subject to Supplier notification

PM acetate (108-65-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	P - P - indicates a commenced PMN (premanufacture notice) substance.

stoddard solvent (8052-41-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

talc (14807-96-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

carbon black (1333-86-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

acrylic resin (28262-63-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under Chemical Data Reporting Rule (formerly the Inventory Update Reporting Rule), i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 711).

15.2. International regulations

CANADA

Herculiner Aerosol Truck Bed Liner	
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.

acrylic resin (28262-63-7)
Listed on the Canadian DSL (Domestic Substances List)

15.3. US State regulations

⚠ **WARNING:** This product can expose you to carbon black, hexane and ethylbenzene which are known to the State of California to cause cancer, birth defects and/or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

hexane (110-54-3)					
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
No	No	No	Yes		

carbon black (1333-86-4)					
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No		

propane (74-98-6)
U.S. - New Jersey - Right to Know Hazardous Substance List

n-butane (106-97-8)
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List

isobutyl acetate (110-19-0)
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List

hexane (110-54-3)
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List

xylene (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)

stoddard solvent (8052-41-3)
U.S. - New Jersey - Right to Know Hazardous Substance List

talc (14807-96-6)
U.S. - New Jersey - Right to Know Hazardous Substance List

carbon black (1333-86-4)
U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

Revision date : 10/01/2019

Full text of H-statements:

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.

SDS GHS US (GHS HazCom 2012) OWI