

# MATERIAL SAFETY DATA SHEET

ST100  
02 00

## Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER	HMIS CODES
ST100	Health 3*
	Flammability 2
	Reactivity 0

  

PRODUCT NAME	
DUPLI-COLOR® Paint Stripper	
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
THE SHERWIN-WILLIAMS COMPANY	(216) 566-2917
KRYLON Products Group	
Cleveland, OH 44115	
DATE OF PREPARATION	INFORMATION TELEPHONE NO.
08-AUG-07	(800) 832-2541

## Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
8	74-98-6	Propane		
		ACGIH TLV 2500 ppm		760 mm
		OSHA PEL 1000 ppm		
8	106-97-8	Butane		
		ACGIH TLV 800 ppm		760 mm
		OSHA PEL 800 ppm		
1	64742-88-7	Mineral Spirits		
		ACGIH TLV 100 ppm		2 mm
		OSHA PEL 100 ppm		
67	75-09-2	Methylene Chloride		
		ACGIH TLV 50 ppm		420 mm
		OSHA PEL 25 ppm		
		OSHA PEL 125 ppm STEL		
9	67-63-0	2-Propanol		
		ACGIH TLV 400 ppm		33 mm
		ACGIH TLV 500 ppm STEL		
		OSHA PEL 400 ppm		
		OSHA PEL 500 ppm STEL		
1	141-43-5	Ethanolamine		
		ACGIH TLV 3 ppm		0.5 mm
		ACGIH TLV 6 ppm STEL		
		OSHA PEL 3 ppm		
		OSHA PEL 6 ppm STEL		

## Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.

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## EFFECTS OF OVEREXPOSURE

EYES: Causes burns.

SKIN: Causes burns.

INHALATION: Irritation of the upper respiratory system.

May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

Overexposure to Methylene Chloride can raise the level of carbon monoxide in the blood.

## SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

## MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Cardiovascular problems may be aggravated by overexposure to Methylene Chloride.

## CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

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## Section 4 -- FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes.

Get medical attention IMMEDIATELY.

SKIN: Wash affected area thoroughly with soap and water.

If irritation persists or occurs later, get medical attention.

Remove contaminated clothing and launder before re-use.

INHALATION: If affected, remove from exposure. Restore breathing.

Keep warm and quiet.

INGESTION: Do not induce vomiting.

Get medical attention immediately.

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## Section 5 -- FIRE FIGHTING MEASURES

## FLASH POINT

Propellant < 0 F

LEL

1.0

UEL

12.7

## EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Containers may explode when exposed to extreme heat.

Application to hot surfaces requires special precautions.

During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

## SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

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Section 6 -- ACCIDENTAL RELEASE MEASURES  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area.

Remove with inert absorbent.

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Section 7 -- HANDLING AND STORAGE  
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STORAGE CATEGORY

Not Available

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively.

During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

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Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION  
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PRECAUTIONS TO BE TAKEN IN USE

Before initial use, consult OSHA's 'Standard for Occupational Exposure to Methylene Chloride' (29 CFR 1910.1052).

Use only with adequate ventilation.

Do not get in eyes or on skin. Avoid breathing vapor and spray mist.

Wash hands after using.

## VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

## RESPIRATORY PROTECTION

An air supplied respirator must be worn, unless air monitoring demonstrates vapor/mist concentrations are below permissible limits. Follow respirator manufacturer's directions for respirator use.

## PROTECTIVE GLOVES

For intermittent exposure, wear VITON or nitrile gloves recommended by glove manufacturer for protection against materials in Section 2. For immersion, wear PVA gloves recommended by glove manufacturer.

## EYE PROTECTION

To prevent eye contact, wear safety spectacles with unperforated sideshields.

## OTHER PROTECTIVE EQUIPMENT

Use barrier cream on exposed skin.

## OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

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Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES  
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PRODUCT WEIGHT 8.22 lb/gal 984 g/l  
SPECIFIC GRAVITY 0.99  
BOILING POINT <0 - 395 F <-18 - 201 C  
MELTING POINT Not Available  
VOLATILE VOLUME 98 %  
EVAPORATION RATE Faster than ether  
VAPOR DENSITY Heavier than air  
SOLUBILITY IN WATER N.A.  
pH 7.0  
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)  
Volatile Weight 28.15% Less Water and Federally Exempt Solvents

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Section 10 -- STABILITY AND REACTIVITY  
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STABILITY -- Stable  
CONDITIONS TO AVOID  
None known.  
INCOMPATIBILITY  
None known.  
HAZARDOUS DECOMPOSITION PRODUCTS  
By fire: Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride  
HAZARDOUS POLYMERIZATION  
Will not occur

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Section 11 -- TOXICOLOGICAL INFORMATION  
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CHRONIC HEALTH HAZARDS  
Methylene Chloride is listed by IARC, NTP, and OSHA. Laboratory animals exposed to high levels of Methylene Chloride in lifetime studies have developed cancer. There is no evidence to date that Methylene Chloride causes cancer in humans.  
Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary, cardiovascular and nervous systems.  
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

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TOXICOLOGY DATA

CAS No.	Ingredient Name				
74-98-6	Propane	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
106-97-8	Butane	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
64742-88-7	Mineral Spirits	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
75-09-2	Methylene Chloride	LC50	RAT	4HR	Not Available
		LD50	RAT		1600 mg/kg
67-63-0	2-Propanol	LC50	RAT	4HR	Not Available
		LD50	RAT		5045 mg/kg
141-43-5	Ethanolamine	LC50	RAT	4HR	Not Available
		LD50	RAT		2140 mg/kg

## Section 12 -- ECOLOGICAL INFORMATION

### ECOTOXICOLOGICAL INFORMATION

No data available.

## Section 13 -- DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

## Section 14 -- TRANSPORT INFORMATION

### US Ground (DOT)

May be classed as Consumer Commodity, ORM-D  
UN1950, AEROSOLS, 2.2, LIMITED QUANTITY, (ERG#126)

### Canada (TDG)

May be classed as Consumer Commodity, ORM-D  
UN1950, AEROSOLS, CLASS 2.2, LIMITED QUANTITY, (ERG#126)

### IMO

May be shipped as Limited Quantity  
UN1950, AEROSOLS, CLASS 2, LIMITED QUANTITY, EmS F-D, S-U

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Section 15 -- REGULATORY INFORMATION  
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SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
75-09-2	Methylene Chloride	67	

CALIFORNIA PROPOSITION 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

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Section 16 -- OTHER INFORMATION  
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This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.