

MATERIAL SAFETY DATA SHEET

K41130404  
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Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER: K41130404  
 HMIS CODES:  
 Health 3  
 Flammability 2  
 Reactivity 0

PRODUCT NAME: KRYLON\* LINE-UP\* Water-Based Pavement Striping Paint, Parking Lot White

MANUFACTURER'S NAME: THE SHERWIN-WILLIAMS COMPANY  
 Diversified Brands  
 Cleveland, OH 44115  
 EMERGENCY TELEPHONE NO.: (216) 566-2917

DATE OF PREPARATION: 22-OCT-06  
 INFORMATION TELEPHONE NO.: (800) 247-3266

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
2	67-56-1	Methanol		
		ACGIH TLV	200 ppm (Skin)	92 mm
		ACGIH TLV	250 ppm (Skin) STEL	
		OSHA PEL	200 ppm (Skin)	
		OSHA PEL	250 ppm (Skin) STEL	
1	112-34-5	2-(2-Butoxyethoxy)-ethanol		
		ACGIH TLV	Not Available	0.06 mm
		OSHA PEL	Not Available	
55	471-34-1	Calcium Carbonate		
		ACGIH TLV	10 mg/m3 as Dust	
		OSHA PEL	15 mg/m3 Total Dust	
		OSHA PEL	5 mg/m3 Respirable Fraction	
5	13463-67-7	Titanium Dioxide		
		ACGIH TLV	10 mg/m3 as Dust	
		OSHA PEL	10 mg/m3 Total Dust	
		OSHA PEL	5 mg/m3 Respirable Fraction	

Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE:  
 INHALATION of vapor or spray mist.  
 EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE:  
 EYES: Irritation.  
 SKIN: Prolonged or repeated exposure may cause irritation.  
 INHALATION: Irritation of the upper respiratory system.  
 May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

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.

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MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE  
None generally recognized.

## CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

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## Section 4 -- FIRST AID MEASURES

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

SKIN: Wash affected area thoroughly with soap and water.  
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

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FLASH POINT	LEL	UEL
150 F PMCC	0.9	36.5

## FLAMMABILITY CLASSIFICATION

Combustible, Flash above 99 and below 200 F

## EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Alcohol Foam

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) 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

## 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

## STORAGE CATEGORY

DOL Storage Class IIIA

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Contents are COMBUSTIBLE. Keep away from heat and open flame.  
 Consult NFPA Code. Use approved Bonding and Grounding procedures.  
 Keep container closed when not in use. Transfer only to approved  
 containers with complete and appropriate labeling. 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

Use only with adequate ventilation.  
 Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.  
 Wash hands after using.  
 This coating may contain materials classified as nuisance particulates  
 (listed "as Dust" in Section 2) which may be present at hazardous levels  
 only during sanding or abrading of the dried film. If no specific dusts  
 are listed in Section 2, the applicable limits for nuisance dusts are ACGIH  
 TLV 10 mg/m<sup>3</sup> (total dust), 3 mg/m<sup>3</sup> (respirable fraction), OSHA PEL 15 mg/m<sup>3</sup>  
 (total dust), 5 mg/m<sup>3</sup> (respirable fraction).

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

If personal exposure cannot be controlled below applicable limits by  
 ventilation, wear a properly fitted organic vapor/particulate respirator  
 approved by NIOSH/MSHA for protection against materials in Section 2.  
 When sanding or abrading the dried film, wear a dust/mist respirator  
 approved by NIOSH/MSHA for dust which may be generated from this product,  
 underlying paint, or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection  
 against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

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	13.65 lb/gal	1635 g/l
SPECIFIC GRAVITY	1.64	
BOILING POINT	148 - 448 F	64 - 231 C
MELTING POINT	Not Available	
VOLATILE VOLUME	41 %	
EVAPORATION RATE	Slower than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	
pH	9.5	
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)		
0.73 lb/gal	88 g/l	Less Water and Federally Exempt Solvents
0.48 lb/gal	57 g/l	Emitted VOC

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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

## HAZARDOUS POLYMERIZATION

Will not occur  
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 Section 11 -- TOXICOLOGICAL INFORMATION  
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## CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

Rats exposed to titanium dioxide dust at 250 mg./m3 developed lung cancer, however, such exposure levels are not attainable in the workplace.

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					
67-56-1	Methanol	LC50	RAT	4HR	64000	ppm
		LD50	RAT		5630	mg/kg
112-34-5	2-(2-Butoxyethoxy)-ethanol	LC50	RAT	4HR	Not Available	
		LD50	RAT		5660	mg/kg
471-34-1	Calcium Carbonate	LC50	RAT	4HR	Not Available	
		LD50	RAT		Not Available	
13463-67-7	Titanium Dioxide	LC50	RAT	4HR	Not Available	
		LD50	RAT		Not Available	

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 Section 12 -- ECOLOGICAL INFORMATION  
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## ECOTOXICOLOGICAL INFORMATION

No data available.  
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 Section 13 -- DISPOSAL CONSIDERATIONS  
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## WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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

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Section 14 -- TRANSPORT INFORMATION  
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No data available.

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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
67-56-1	Methanol	2	
	Glycol Ethers	1	

## CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

## 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.