

MATERIAL SAFETY DATA SHEET

V86FH11  
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Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER	V86FH11	HMIS CODES	
		Health	3
		Flammability	1
		Reactivity	2
PRODUCT NAME	SHER-WOOD* ULTRA-CURE* U. V. Topcoat		
MANUFACTURER'S NAME	THE SHERWIN-WILLIAMS COMPANY	EMERGENCY TELEPHONE NO.	(216) 566-2917
	101 Prospect Avenue N.W.		
	Cleveland, OH 44115		
DATE OF PREPARATION	11-FEB-04	INFORMATION TELEPHONE NO.	(216) 566-2902

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
35	28961-43-5	Trimethylolpropane Ethoxylate Triacrylate		
		ACGIH TLV	Not Available	
		OSHA PEL	Not Available	
29	42978-66-5	Tripropylene Glycol Diacrylate		0.01 mm
		ACGIH TLV	Not Available	
		OSHA PEL	Not Available	
23	Proprietary	Acrylate Oligomer		
		ACGIH TLV	Not Available	
		OSHA PEL	Not Available	
1	102-71-6	Triethanolamine		
		ACGIH TLV	5 mg/m3	
		OSHA PEL	Not Available	
5	112926-00-8	Amorphous Precipitated Silica		
		ACGIH TLV	10 mg/m3 as Dust	
		OSHA PEL	6 mg/m3 as Dust	

Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE  
EYE or SKIN contact with product.  
Contains acrylates which can be absorbed through the skin.

EFFECTS OF OVEREXPOSURE  
EYES: Irritation.  
SKIN: Severe irritation. Effect may be delayed. Prolonged contact with uncured product, or contact with heated product, may cause blisters or burns.  
INHALATION: Irritation of the upper respiratory system.

SIGNS AND SYMPTOMS OF OVEREXPOSURE  
Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE  
May cause allergic skin reaction in susceptible persons.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

Section 4 -- FIRST AID MEASURES

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

SKIN: Wash affected area thoroughly with soap and water.  
If irritation persists or occurs later, get medical attention.  
Discard contaminated clothing and shoes.

INHALATION: If affected, remove from exposure. Restore breathing.  
Keep warm and quiet.

INGESTION: Do not induce vomiting.  
Get medical attention immediately.

Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT	LEL	UEL
>200 F PMCC	N.A.	N.A.

FLAMMABILITY CLASSIFICATION

Not Applicable

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.

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.

Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove with inert absorbent.

Section 7 -- HANDLING AND STORAGE

STORAGE CATEGORY

DOL Storage Class IIIB

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Store in a cool shady area, preferably below 80 F.

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.

Do not get on skin. Avoid contact with eyes. Avoid breathing vapor or spray mist.

Wash hands after using.

Incidental contact with surfaces, protective equipment, or clothing contaminated with product causes irritation to skin and eyes. Irritation may not be noticeable at time of contact but may occur later.

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

To prevent skin contact, wear nitrile gloves. For additional protection wear Silver Shield (North Mfg.) or Barrier 2-100 (Ansell Edmont Mfg.) laminated gloves.

## EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

## OTHER PROTECTIVE EQUIPMENT

Use barrier cream on exposed skin.

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 Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES
 

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PRODUCT WEIGHT	9.29 lb/gal	1112 g/l
SPECIFIC GRAVITY	1.12	
BOILING POINT	Not Applicable	
MELTING POINT	Not Available	
VOLATILE VOLUME	0	%
EVAPORATION RATE	N.A.	
VAPOR DENSITY	N.A.	
SOLUBILITY IN WATER	N.A.	

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 Section 10 -- STABILITY AND REACTIVITY
 

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STABILITY -- Stable

CONDITIONS TO AVOID

Elevated temperature.

INCOMPATIBILITY

Oxidizing and reducing agents.

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 HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide  
 HAZARDOUS POLYMERIZATION  
 May 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.

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## TOXICOLOGY DATA

CAS No.	Ingredient Name				
28961-43-5	Trimethylolpropane Ethoxylate Tria	LC50	RAT	4HR	Not Available
		LD50	RAT		5000. mg/kg
42978-66-5	Tripropylene Glycol Diacrylate	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
Proprietary	Acrylate Oligomer	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
102-71-6	Triethanolamine	LC50	RAT	4HR	Not Available
		LD50	RAT		9100. mg/kg
112926-00-8	Amorphous Precipitated Silica	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 -----

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CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
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No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65

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