Material Safety Data Sheet

According to ANSI Z400.1-2003

Date Printed: 06-20-2006

Section 1 - Product and Company Information

Product Name: SMC Hardset Filler (B-Side)

COMPANY IDENTIFICATION:
Urethane Supply Company
1128 Kirk Rd.
Rainsville, AL 35986

EMERGENCY TELEPHONE NUMBER

24 Hour Emergency Contact	800-424-9300 (703-527-3887)
Customer Information Number	256-638-4103

Section 2 - Hazards Identification

Appearance:
Odor:

Hazards of Product:

	HMIS Rating (Scale 0 - 4)		NFPA Ratings
HEALTH	1	Health = 1	Health = 1
FIRE	1	Fire = 1	Fire = 1
PHYSICAL	1	Physical = 1	Reactivity = 1
PERSONAL PROTECTION	E	Personal Protection = E	

NFPA: 1 (top), 1 (left), 1 (right)


Safety Glasses


Gloves


Dust Respirator

Potential Health Effects

Eye Contact: Skin: Slightly irritating, prolonged exposure may cause allergic reaction in susceptible individuals. Eye: Mildly irritating.

Skin Absorption: Redness, allergic reaction, eczema, or other skin condition.

Inhalation: Inhalation of unreacted product may result in irritation of nose, throat and respiratory tract. Dust generated during finishing procedures with the hardened product may cause coughing, shortness of breath and pneumonia.

Ingestion: Slightly toxic. May cause irritation of mouth, throat, and gastrointestinal irritation.

Section 3 - Composition/Information on Ingredients

Component	CAS #	Amount
Multifunctional Epoxy Resin	5026-74-4	N/A
Reaction Product of Epichlorohydrin and Bisphenol F	28064-14-4	N/A
Xylene	1330-20-7	1.36%
VM&P Naphtha	64742-89-8	0.90%

Section 4 - First-Aid Measures

Eye Contact: Flush with large amounts of water lifting upper and lower lids. Get medical attention.

Skin Contact: Thoroughly was exposed area with soap and water.

Inhalation: Supply fresh air, give artificial respiration if necessary.

Ingestion: keep person warm and quiet. Seek immediate medical advise regarding induction of vomiting.

Medical Conditions Aggravated by Exposure: Skin and respiratory tract irritation. Breathing difficulties.

Section 5 - Fire Fighting Measures

nguishing Media: Foam, alcohol foam, CO2, Dry chemical

Fighting Procedures: For larger fires, use self-contained breathing apparatus

Unusual Fire and Explosion Hazards: None

Section 6 - Accidental Release Measures

Steps to be Taken if Material is Released or Spilled: Soak up with absorbent material and place in a ventilated waste container for proper disposal.

Personal Precautions:

Environmental Precautions:

Section 7 - Handling and Storage

General Handling: Keep out of reach of children. Keep tightly closed. Smoking, eating, and drinking should be prohibited where there is potential exposure to toxic materials. For professional use only. Not intended for sale to the general public.

Other Precautions:

Storage: Store in a cool, dry, well ventilated place. Keep tightly closedto prevent leakage and retain activity. Store away from open flames. Prevent skin and eye contact with appropriate clothing and safety glasses.

Section 8 - Exposure Controls / Personal Protection

Component	Source	Type	Value	Remarks
Multifunctional Epoxy Resin	ACGIH	None established		
Multifunctional Epoxy Resin	OSHA	None established		
Reaction Product of Epichlorohydrin and Bisphenol F	ACGIH	None established		
Reaction Product of Epichlorohydrin and Bisphenol F	OSHA	None established		
Xylene	ACGIH	TWA	100 ppm BEI	
Xylene	ACGIH	STEL	150 ppm BEI	
Xylene	OSHA Z1	PEL	435 mg/m3 100 ppm	
ene	ACGIH	STEL	150 ppm	
ene	NIOSH	TWA	100 ppm	
Xylene	OSHA	Short Range TLV	651 mg/m3, 150 ppm	
Xylene	OSHA	TWA	100 ppm	
Xylene	ACGIH	TWA	100 ppm	
Xylene	OSHA	Long Term TLV	434 mg/m3, 100 ppm	
Xylene	OSHA	STEL	150 ppm	
Xylene	OSHA	PEL	435 mg/m3, 100 ppm	
VM&P Naphtha	ACGIH	TWA	300 ppm	
VM&P Naphtha	ACGIH	STEL	400 ppm	
VM&P Naphtha	OSHA	TWA	500 ppm	
VM&P Naphtha	ACGIH	TLV	300 ppm	

Personal Protection

Eye/Face Protection: Safety glasses with eye shields.

Skin Protection: Rubber or plastic.

Respiratory Protection: When used in a confined area, an approved chemical/mechanical filter, designed to remove a combination of particles and vapors should be used. Sanding of the hardened finished material shouldonly be done with adequate ventilation and while using a NIOSH approved dust filter mask.

Hygenic Measures: Wash hands before eating, drinking, or other types of personal contamination.

Other Protection Measures Wear impervious clothing and boots. Eye wash stations and safety showers should be available.

Engineering Controls
Provide sufficient mechanical, general or local exhaust.

Section 9 - Physical and Chemical Properties

Appearance:	Black, some ether odor.
h Point:	65F
Upper Flammable Limit:	6
Lower Flammable Limit:	0.9

Boiling Point: 260-482
Vapor Density: Heavier than air
Specific Gravity: 1.6
Solubility in Water: Slight

Section 10 - Stability and Reactivity

Stability/Instability: Stable
Conditions To Avoid: Extreme heat, open flame
Incompatible Materials: Strong acids strong oxidizing agents, strong bases, and mercaptans.
Hazardous Polymerization: Will Occur
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, phenols, hydrogen chloride, and oxides of nitrogen

Section 11 - Toxicological Information

Acute Toxicity
Ingestion
0.90%
Skin Absorption
0.90%
Inhalation
0.90%

Section 12 - Ecological Information

Not Determined

Section 13 - Disposal Considerations

Disposal Method:
Dispose of in an approved chemical waste landfill or incinerate in accordance with applicable federal, local, and state regulations. Do not contaminate lakes, streams, or other water supplies.
Container Disposal: Disposal must be made according to official regulations.

Section 14 - Transport Information

DOT

Proper Shipping Name: Not regulated by US DOT

Section 15 - Regulatory Information

Superfund Amendments and Reathorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

The following table lists hazardous components and the regulatory lists for which they are required to be reported.

Component	CAS #	Amount	SARA 313 Listed	Know to California to cause cancer	Pennsylvania Hazardous Substance List	Massachusetts Hazardous Listed	Rhode Island Listed	CERCLA	EPA Cancerogenity	IARC Cancerogenity	NTP Cancerogenity	TLV Canerogenity	NIOSH Cancerogenity	OSHA Cancerogenity
Multifunctional Epoxy Resin	5026-74-4	0.90%												
Reaction Product of Epichlorohydrin and Bisphenol F	28064-14-4	0.90%												
Xylene	1330-20-7	1.36%							●	●		●		
LP Naphtha	64742-89-8	0.90%												

Section 16 - Other Information

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This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.