

# Material Safety Data Sheet

According to ANSI Z400.1-2003

Date Printed: 03-14-2013

## Section 1 - Product and Company Information

**Product Name:** SMC Hardset Filler (A-Side)**Product Part Number(s):** 2020-1A, 2020-CA, 2020-TA**COMPANY IDENTIFICATION:**

Urethane Supply Company

1128 Kirk Rd.

Rainsville, AL 35986

**EMERGENCY TELEPHONE NUMBER****24 Hour Emergency Contact****Customer Information Number**

Chemtrec - 1-800-424-9300

256-638-4103

## Section 2 - Hazards Identification

**Appearance:** White high viscosity liquid**Odor:** Rotten cabbage smell (mercaptan)**Hazards of Product:****HMIS Rating (Scale 0 - 4)**

<b>HEALTH</b>	<b>1</b>	Health = 1
<b>FIRE</b>	<b>1</b>	Fire = 1
<b>PHYSICAL</b>	<b>1</b>	Physical = 1
<b>PERSONAL PROTECTION</b>	<b>E</b>	Personal Protection = E

**NFPA Ratings**

## Potential Health Effects

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

**Skin Absorption:** Redness, allergy reaction, eczema, or skin conditions.

**Inhalation:** May result in irritation of nose, throat, and respiratory tract.

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

## Section 3 - Composition/ Information on Ingredients

Component	CAS #	Amount
2,4,6 Tri(dimethylaminomethyl) Phenol	90-72-2	NA
Aliphatic Petroleum Naphthas	64742-89-8	1.24%
Aromatic Hydrocarbon Diluent	N/A	N/A%
Mercaptan-terminated polymer	Proprietary	NA
Styrenic Monomer	1321-74-0	NA
Xylene	1330-20-7	<.5%

## Section 4 - First-Aid Measures

**Eye Contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**Skin Contact:** Wash with soap and water and rinse thoroughly.

**Medical Conditions Aggravated by Exposure:** Respiratory tract, skin and gastrointestinal irritation.

## Section 5 - Fire Fighting Measures

**Extinguishing Media:** Foam, alcohol foam, CO2, Dry Chemical, Water fog

**Fire Fighting Procedures:** Large fire - 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 ventilated waste container for disposal.

**Personal Precautions:**

**Environmental Precautions:**

## Section 7 - Handling and Storage

**General Handling:** Keep out of reach of children. Keep tightly closed. Eating, drinking, and smoking should be prohibited where there is potential exposure to toxic material. 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 closed to prevent leakage and retain activity. Store away from open flames. Prevent skin and eye contact with appropriate clothing and safety glasses. Avoid inhalation of dust generated during machining after use.

## Section 8 - Exposure Controls / Personal Protection

Component	Source	Type	Value	Remarks
Aliphatic Petroleum Naphthas	OSHA	PEL	400 ppm	STEL

Aliphatic Petroleum Naphthas	ACGIH	TLV	300 ppm	TWA
Aliphatic Petroleum Naphthas	OSHA	PEL	300 ppm	TWA
Xylene	ACGIH	TLV	150 ppm	STEL
Xylene	ACGIH	TLV	100 ppm	TWA
Xylene	OSHA	PEL	100 ppm	TWA

### Personal Protection

**Eye/ Face Protection:** Safety glasses with side 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.

**Hygienic Measures:** Wash hands before eating, smoking, or using the washroom.

**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 ventilation.

## Section 9 - Physical and Chemical Properties

<b>Appearance:</b>	Almost white
<b>Color:</b>	White
<b>Odor:</b>	Mercaptan (rotten cabbage)
<b>Flash Point:</b>	65°C (150°F)
<b>Upper Flammable Limit:</b>	6.2
<b>Lower Flammable Limit:</b>	0.7
<b>Boiling Point:</b>	260
<b>Vapor Density:</b>	Heavier than air
<b>Specific Gravity:</b>	1.3
<b>Solubility in Water:</b>	Not Soluble

## Section 10 - Stability and Reactivity

**Stability/ Instability:** Stable

**Conditions To Avoid:** Excessive heat. Open flames.

**Incompatible Materials:** Strong oxidizing agents, epoxy resins and amines.

**Hazardous Polymerization:** Will Not Occur

**Hazardous Decomposition Products:** CO, CO<sub>2</sub>, H<sub>2</sub>S, Oxides of sulfur and nitrogen.

## Section 11 - Toxicological Information

### Acute Toxicity

#### Ingestion

<.5%

#### Skin Absorption

<.5%

#### Inhalation

<.5%

## Section 12 - Ecological Information

### ECOTOXICITY

Not Available

## Section 13 - Disposal Considerations

### Disposal Method:

Dispose of in an approved chemical waste landfill or incinerate in accordance with applicable federal, state, and local regulations.

**Container Disposal:** Disposal must be made according to official regulations.

## Section 14 - Transport Information

### DOT

**Proper Shipping Name:** Adhesive NOI

## Section 15 - Regulatory Information

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

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

## Section 16 - Other Information

### Legend

ACGIH

American Conference of Governmental Hygienists

CFR

Code of Federal Regulations

DFG	Deutsche Forschungsgemeinschaft
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
MAK	Maximum Allowable Concentration (German)
MSDS	Material Safety Data Sheet
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
OEL	Occupational Exposure Limit
RCRA	Resource Conservation and Recovery Act
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

**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.**

# Material Safety Data Sheet

According to ANSI Z400.1-2003

Date Printed: 03-14-2013

## Section 1 - Product and Company Information

**Product Name:** SMC Hardset Filler (B-Side)**Product Part Number(s):** 2020-1B, 2020-CB, 2020-TB**COMPANY IDENTIFICATION:**

Urethane Supply Company

1128 Kirk Rd.

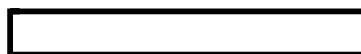
Rainsville, AL 35986

**EMERGENCY TELEPHONE NUMBER****24 Hour Emergency Contact****Customer Information Number**

Chemtrec - 1-800-424-9300

256-638-4103

## Section 2 - Hazards Identification

**Appearance:****Odor:****Hazards of Product:****HMS Rating (Scale 0 - 4)**

<b>HEALTH</b>	<b>1</b>	Health = 1
<b>FIRE</b>	<b>1</b>	Fire = 1
<b>PHYSICAL</b>	<b>1</b>	Physical = 1
<b>PERSONAL PROTECTION</b>	<b>E</b>	Personal Protection = E

**NFPA Ratings**

## 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
4-Glycidyloxy-N, N-Diglycidylaniline	5026-74-4	NA
Aliphatic Petroleum Naphthas	64742-89-8	0.90%
Bisphenol F/Epichlorohydrin Epoxy Resin	28064-14-4	NA
Polymers of Epichlorohydrin, Phenol-formaldehyde		NA
Xylene	1330-20-7	1.36%

## Section 4 - First-Aid Measures

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

## Section 5 - Fire Fighting Measures

**Extinguishing Media:** Foam, alcohol foam, CO2, Dry chemical

**Fire 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 closed to 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
Aliphatic Petroleum Naphthas	OSHA	PEL	400 ppm	STEL
Aliphatic Petroleum Naphthas	ACGIH	TLV	300 ppm	TWA
Aliphatic Petroleum Naphthas	OSHA	PEL	300 ppm	TWA
Xylene	ACGIH	TLV	150 ppm	STEL
Xylene	ACGIH	TLV	100 ppm	TWA
Xylene	OSHA	PEL	100 ppm	TWA

## 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 should only be done with adequate ventilation and while using a NIOSH approved dust filter mask.

**Hygienic 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

<b>Appearance:</b>	Black, slight ether odor
<b>Color:</b>	Black
<b>Odor:</b>	Slight ether odor
<b>Flash Point:</b>	65°F (150°F)
<b>Upper Flammable Limit:</b>	6
<b>Lower Flammable Limit:</b>	0.9
<b>Vapor Density:</b>	Heavier than air
<b>Specific Gravity:</b>	1.6
<b>Solubility in Water:</b>	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**  
1.36%  
**Skin Absorption**  
1.36%  
**Inhalation**  
1.36%

## Section 12 - Ecological Information

**ECOTOXICITY**  
Not Available

## 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**

## Section 15 - Regulatory Information

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

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