

Material Safety Data Sheet

According to ANSI Z400.1-2003

Date Printed: 09-03-2009

Section 1 - Product and Company Information

Product Name: Slow Cure Panel Adhesive (A-Side)

COMPANY IDENTIFICATION:

Manufactured For:
The Easthill Group DBA The Eastwood Company
263 Shoemaker Rd.
Pottstown, PA 19464

EMERGENCY TELEPHONE NUMBER

24 Hour Emergency Contact Chemtrec - 1-800-434-9300
Customer Information Number 610-323-2200

Section 2 - Hazards Identification

Appearance:
Odor:

Hazards of Product:

HMIS Rating (Scale 0 - 4)

HEALTH	1	Health = 1
FIRE	1	Fire = 1
PHYSICAL	1	Physical = 1
PERSONAL PROTECTION	E	Personal Protection = E

NFPA Ratings



Potential Health Effects

Eye Contact: Skin: Slightly irritating. Eye: Mildly irritating.

Skin Absorption: Redness.

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

Ingestion: Slightly toxic. May cause fatigue, muscular weakness, labored breathing and gastrointestinal irritation.

Section 3 - Composition/Information on Ingredients

Component	CAS #	Amount
Mercaptan Terminated Polymer	Proprietary	NA
Glycerol Ply(Oxypropylene) Triamine	64852-22-8	12-14%
Alkyl Ether Amine	39423-51-3	15-16%
2,4,6-Tri (Dimethylaminomethyl)Phenol	90-72-2	NA
Aromatic Hydrocarbon Diluent	N/A	N/A%
Aliphatic Petroleum Naphthas	64742-89-8	<1%
Xylene	1330-20-7	<0.5%
Silica	14808-60-7	20-23%

Section 4 - First-Aid Measures

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: For large 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 well 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 cure.

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 glass with side shields

Skin Protection: Rubber or plastic.

Respiratory Protection: When used in a confined are, 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 after possible 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 ventilation.

Section 9 - Physical and Chemical Properties

Appearance:	Light gray, very offensive odor.
Flash Point:	65F
Upper Flammable Limit:	6
Lower Flammable Limit:	0.9
Boiling Point:	260-280
Vapor Density:	Heavier than air
Specific Gravity:	1.2
Solubility in Water:	Slight

Section 10 - Stability and Reactivity

Stability/Instability: Stable

Conditions To Avoid: Extreme heat, open flame

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

Hazardous Polymerization: Will Not Occur

Hazardous Decomposition Products: CO, CO₂, H₂S, Oxides of sulfur and nitrogen.

Section 11 - Toxicological Information

Acute Toxicity

Ingestion

20-23%

Skin Absorption

20-23%

Inhalation

20-23%

Section 12 - Ecological Information

CHEMICAL FATE

Section 13 - Disposal Considerations

Disposal Method:

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

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

Component	CAS #	Amount	SARA 313 Listed	Known to California to cause cancer	Pennsylvania Hazardous Substance List	Massachusetts Hazardous Listed	Rhode Island Listed	CERCLA	EPA Carcinogenicity	IARC Carcinogenicity	NTP Carcinogenicity	TLV Carcinogenicity	NIOSH Carcinogenicity	OSHA Carcinogenicity
Xylene	1330-20-7	10-20%	•		•			•	•	•		•		

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: 09-03-2009

Section 1 - Product and Company Information

Product Name: Slow Cure Panel Adhesive (B-Side)

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263 Shoemaker Rd.
Pottstown, PA 19464

EMERGENCY TELEPHONE NUMBER

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Section 2 - Hazards Identification

Appearance:
Odor:

Hazards of Product:

HMIS Rating (Scale 0 - 4)

HEALTH	1	Health = 1
FIRE	1	Fire = 1
PHYSICAL	1	Physical = 1
PERSONAL PROTECTION	E	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
Bisphenol F/Epichlorohydrin Epoxy Resin	28064-14-4	NA
Polymers of Epichlorohydrin, Phenol-Formaldehyde		NA
Urethane Acrylate Resin		NA
Epichlorohydrin-polyglycol reaction product	2142-30-3	3-4%
Xylene	1330-20-7	1-2%
Aliphatic Petroleum Naphthas	64742-89-8	1-2%
Silica	14808-60-7	23-25%
4-Glycidyoxy-N,N-Diglycylaniline	5026-74-4	NA

Section 4 - First-Aid Measures

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: For large fires, use self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Combustion and co-combustion products may be toxic.

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.

Section 8 - Exposure Controls / Personal Protection

Component	Source	Type	Value	Remarks
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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 after possible 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 ventilation.

Section 9 - Physical and Chemical Properties

Appearance:	Yellow. Slight ether odor
Flash Point:	65F
Upper Flammable Limit:	6
Lower Flammable Limit:	0.9
Boiling Point:	260-482
Vapor Density:	Heavier than air
Specific Gravity:	1.3
Solubility in Water:	Slight

Section 10 - Stability and Reactivity

Stability/Instability: Stable

Conditions To Avoid: Extreme heat, open flame

Incompatible Materials: Strong oxidizing agents, mercaptans, strong acids, bases and amines.

Hazardous Polymerization: Will Not Occur

Hazardous Decomposition Products: CO, CO₂, H₂S, HCL, and Oxides of Nitrogen.

Section 11 - Toxicological Information

Acute Toxicity

Ingestion

NA

Skin Absorption

NA

Inhalation

NA

Section 12 - Ecological Information

CHEMICAL FATE

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. 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

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