



MATERIAL SAFETY DATA SHEET

Low Viscosity Epoxy Crack Filler (Side A)

1. Product And Company Identification

<p>Supplier Mar-flex Building Solutions 6866 Chrisman Lane Middletown, OH 45042 USA</p> <p>Telephone Number: 513-422-7285 FAX Number: 513-422-7282 E-Mail: technicalsupport@mar-flex.com Web Site: www.mar-flex.com</p>	<p>Manufacturer Mar-flex Building Solutions 6866 Chrisman Lane Middletown, OH 45042 USA</p> <p>Telephone Number: 513-422-7285 FAX Number: 513-422-7282 E-Mail: technicalsupport@mar-flex.com Web Site: www.mar-flex.com</p>
<p>Supplier Emergency Contacts & Phone Number Chem-Trec: 1-800-424-9300</p>	<p>Manufacturer Emergency Contacts & Phone Number Chem-Trec: 1-800-424-9300</p>

Issue Date: 09/25/2009

Product Name: Low Viscosity Epoxy Crack Filler (Side A)
Chemical Name: Caulking Compound
CAS Number: Not Established
Chemical Family: Epoxide
MSDS Number: 117
Product Code: IA-68140

Synonyms
Thermosetting Resin

Product/Material Uses - Used in conjunction with "Side B". Used in the structural repair of dry and damp cracks that are a hairline up to 1/8" wide.

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
DIGLYCIDYL ETHER RESIN MIXTURE	25068-38-6	65 - 95
N-BUTYL GLYCIDYL ETHER	2426-08-6	0 - 10
PROPRIETARY DILUENT	98-00-0	5 - 35

EMERGENCY OVERVIEW

KEEP AWAY FROM CHILDREN & PETS.

3. Hazards Identification

Primary Routes(s) Of Entry - Inhalation & skin contact.
Chronic/Carcinogenicity Effects - None of the components of this material are listed as carcinogens by NTP, IARC or OSHA.

Conditions Aggravated By Exposure - Allergy, eczema & skin conditions.
Conditions Aggravated By Overexposure - **Acute:** Will cause burns to skin and eyes. High concentrations of vapor can cause irritation of respiratory tract, nausea and vomiting.
Chronic: Prolonged or repeated exposure may cause asthma and skin sensitization or other allergic response.
Sensitization - Sensitizer.

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First Aid (Pictograms)



4. First Aid Measures

Eye - Flush with water for at least 15 minutes. If any ill effects develop, seek medical attention.

Skin - Immediately deluge skin with plenty of water. Remove contaminated clothing and shoes.

Ingestion - Give large quantities of water and induce vomiting. Get medical attention.

Inhalation - Remove to fresh air if affected. Administer oxygen if necessary. Seek medical attention.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: 490 °F

Lower Explosive Limit: UK

Upper Explosive Limit: UK

Fire And Explosion Hazards - Decomposition and combustion products may be toxic.

Extinguishing Media - Use CO2 (Carbon Dioxide), dry chemical, or foam.

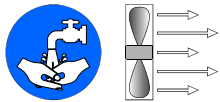
Fire Fighting Instructions - Use self contained breathing apparatus.

6. Accidental Release Measures

Small Spills: Wipe up with rag.

Larger Spills: Use absorbent material. Collect waste in designated container. Flush contaminated area with water.

Handling & Storage (Pictograms)



7. Handling And Storage

Handling Precautions - Avoid breathing vapors of heated material. Use with good ventilation.

Storage Precautions - Store away from heat and open flame. Store in cool, dry area in closed cartridges.

DO NOT ALLOW TO FREEZE

Work/Hygienic Practices - Wear gloves. Wash hands thoroughly with soap and water after handling.

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls - **Ventilation:** Normal ventilation should be adequate. Local if vapors are vented.

Eye/Face Protection - Safety glasses.

Skin Protection - Rubber or impervious gloves recommended.

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8. Exposure Controls/Personal Protection - Continued

Respiratory Protection - Avoid breathing vapors. Use adequate ventilation.

Other/General Protection - Disposable containers and paper on work area. Use appropriate equipment to prevent eye or skin contact.

Ingredient(s) - Exposure Limits

DIGLYCIDYL ETHER RESIN MIXTURE

N.E.

N-BUTYL GLYCIDYL ETHER

N.E.

PROPRIETARY DILUENT

50 PPM-PEL

9. Physical And Chemical Properties

Chemical Type: Mixture

Boiling Point: >200 °F

Specific Gravity: 1.1 - 1.2

Percent Volatiles: <3%

Vapor Pressure: NA

Vapor Density: NA

Solubility: Slight

Evaporation Rate: NA

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability) - Mixing with oxidizers or epoxy resins in quantities over 1 lb.

Incompatible Materials - Strong oxidizers, strong acids or bases in bulk.

Hazardous Decomposition Products - Carbon monoxide, carbon dioxide, nitrogen oxides

11. Toxicological Information

Eye Effects - (Rabbits) Mild irritation.

Skin Effects - (Rabbits) Moderate irritation.

Acute Oral Effects - (Rabbit) >400 mg/kg

12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose in accordance with Federal, State and Local regulations.

14. Transport Information

Proper Shipping Name - Caulking Compound

DOT Shipping Label

Caulking Compound.NOI.In Boxes (I-149610)

Freight Class

55

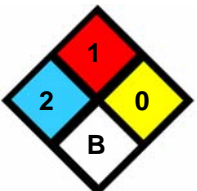
MATERIAL SAFETY DATA SHEET

Low Viscosity Epoxy Crack Filler (Side A)

15. Regulatory Information

State Regulations - In order to comply with California Proposition 65, we feel obligated to advise that some of our products may conceivably contain trace contaminants of some of the listed chemicals. While not necessarily added to our products as ingredients, some listed chemicals may be present in the raw materials as received from suppliers and over which we have no control, therefore to comply with California Law, we feel obligated to make the following statement:

Warning: Our products may contain trace amounts of some chemicals considered by the State of California to be carcinogens or reproductive toxicants.

NFPA	HMIS								
	<table border="1"><tr><td>HEALTH</td><td>2</td></tr><tr><td>FLAMMABILITY</td><td>1</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td>B</td></tr></table>	HEALTH	2	FLAMMABILITY	1	REACTIVITY	0	PERSONAL PROTECTION	B
HEALTH	2								
FLAMMABILITY	1								
REACTIVITY	0								
PERSONAL PROTECTION	B								

16. Other Information

Revision/Preparer Information

This MSDS Supercedes A Previous MSDS Dated: 10/07/2003

This MSDS complies with 29 CFR 1910.1200 (Hazard Communication Standard). This MSDS should be read and understood before using this product.

Disclaimer

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 these products may substantially alter the composition and hazards of the product.

Marflex Building Solutions makes no warranties, express or implied and assumes no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).

Mar-flex Building Solutions

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Supplier Emergency Contacts & Phone Number Chem-Trec: 1-800-424-9300	Manufacturer Emergency Contacts & Phone Number Chem-Trec: 1-800-424-9300

Issue Date: 09/25/2009

Product Name: Low Viscosity Epoxy Crack Filler (Side B)
 Chemical Name: Caulking Compound
 CAS Number: Not Established
 Chemical Family: Modified Polyamine/Polyamide Composition
 MSDS Number: 26
 Product Code: IA-68140

Synonyms
 Epoxy Hardener

Product/Material Uses - Used in conjunction with "Side A". Used in the structural repair of dry and damp cracks that are a hairline up to 1/8" wide.

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
DIETHYLENETRIAMINE	111-40-0	0 - 5
NONYLPHENOL	104-40-5	0 - 15
PROPRIETARY DILUENT	98-00-0	10 - 15
PROPRIETARY POLYAMINE/POLYAMIDE BLEND	Not Establis	0 - 70

EMERGENCY OVERVIEW

KEEP AWAY FROM CHILDREN & PETS

3. Hazards Identification

Primary Routes(s) Of Entry - Inhalation and skin contact.
Chronic/Carcinogenicity Effects - Prolonged or repeated exposure may cause asthma and skin sensitization or other allergic response.

Conditions Aggravated By Exposure - Allergy, eczema and skin conditions.
Conditions Aggravated By Overexposure - Will cause burns to skin and eyes. High concentration of vapor can cause irritation of respiratory tract, nausea, and vomiting.
 None of the components of this material are listed as carcinogens by NTP, IARC or OSHA.

MATERIAL SAFETY DATA SHEET

Low Viscosity Epoxy Crack Filler (Side B)

First Aid (Pictograms)



4. First Aid Measures

Eye - Flush with water for at least 15 minutes. Seek medical attention.

Skin - Immediately deluge skin with plenty of water. Remove contaminated clothing and shoes.

Ingestion - If swallowed and conscious give large quantities of water and induce vomiting. Get medical attention.

Inhalation - Remove to fresh air. If affected, administer oxygen if necessary. Seek medical attention.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: 185 (PMCC) °F

Lower Explosive Limit: UK

Upper Explosive Limit: UK

Extinguishing Media - Use CO2 (Carbon Dioxide), dry chemical, or foam.

Fire Fighting Instructions - Avoid breathing smoke. Use self contained breathing apparatus.

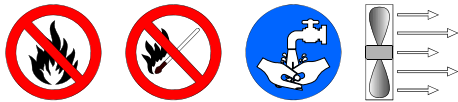
6. Accidental Release Measures

Avoid personal contact.

Small Spills: Wipe up with rag.

Larger Spills: Use absorbent material. Collect waste in designated container. Flush contaminated area with water.

Handling & Storage (Pictograms)



7. Handling And Storage

Handling Precautions - Avoid breathing vapors of heated material. Use with good ventilation.

Storage Precautions - Store away from heat and open flame. Store in cool, dry area in closed cartridges.

DO NOT ALLOW TO FREEZE

Work/Hygienic Practices - Wash thoroughly with soap and water after handling.

Avoid breathing vapors of heated material.

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls - **Ventilation:** Normal ventilation should be adequate. Local if vapors are vented.

Eye/Face Protection - Safety glasses.

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8. Exposure Controls/Personal Protection - Continued

Skin Protection - Rubber or polyethylene gloves.

Respiratory Protection - Avoid breathing vapors, use adequate ventilation.

Ingredient(s) - Exposure Limits

DIETHYLENETRIAMINE

1 PPM-SKIN-ACGIH

NONYLPHENOL

N.E.

PROPRIETARY DILUENT

10 PPM -ACGIH-TWA

PROPRIETARY POLYAMINE/POLYAMIDE BLEND

N.E.

9. Physical And Chemical Properties

Chemical Type: Mixture

Boiling Point: ND (>200) °F

Specific Gravity: .98 - .99

Percent Volatiles: <3%

Vapor Pressure: NA

Vapor Density: NA

Solubility: Slight

Evaporation Rate: NA

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability) - Mixing with oxidizers or epoxy resins in quantities over 1#.

Incompatible Materials - Strong oxidizing agents, acids.

Hazardous Decomposition Products - Carbon Monoxide, Carbon Dioxide, Aldehydes and other organics.

11. Toxicological Information

Eye Effects - (Rabbits) Conjunctival irritant.

Skin Effects - (Rabbits) Mild irritation.

Acute Oral Effects - LD50 - 5cc/kg

12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose in accordance with Federal, State and Local regulations.

14. Transport Information

Proper Shipping Name - Caulking Compound

DOT Shipping Label

Caulking Compounds.NOI.In Boxs (I-149610)

Freight Class

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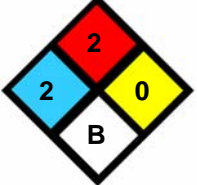
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State Regulations - In order to comply with California Proposition 65, we feel obligated to advise that some of our products may conceivably contain trace contaminants of some of the listed chemicals. While not necessarily added to our products as ingredients, some listed chemicals may be present in the raw materials as received from suppliers and over which we have no control, therefore even though some of the listed substances may not represent a significant risk as defined by the regulations, in order to comply with California Law, we feel obligated to make the following statement:

Warning: Our products may contain trace amounts of some chemicals considered by the State of California to be carcinogens or reproductive toxicants.

NFPA	HMIS
	HEALTH 2
	FLAMMABILITY 2
	REACTIVITY 0
	PERSONAL PROTECTION B

16. Other Information

Revision/Preparer Information

This MSDS Supercedes A Previous MSDS Dated: 07/25/2001

This MSDS complies with 29 CFR 1910.1200 (Hazard Communication Standard). This MSDS should be read and understood before using this product.

Disclaimer

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 these products may substantially alter the composition and hazards of the product.

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