



MATERIAL SAFETY DATA SHEET

Quick Set Surface Port Paste (Side A)

1. Product And Company Identification

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

Issue Date: 01/06/2011

Product Name: Quick Set Surface Port Paste (Side A)
 Chemical Name: Modified Epoxy Resin
 CAS Number: Not Established
 MSDS Number: 18
 Product Code: IA-68160

Synonyms
 Thermosetting Resin

Product/Material Uses - Used in conjunction with "Side B" to seal the surface of a crack and to attach ports to masonry surfaces.
Product Identification Text - Side "A" of the 1:1 Cartridge

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
BISPHENOL A/DIGLYCIDYL ETHER RESIN	25068-38-6	50 - 90
FUMED SILICA	067762-90-7	0 - 5
INERT POWDERS	14807-96-6	0 - 50

EMERGENCY OVERVIEW

KEEP AWAY FROM CHILDREN AND ANIMALS.

3. Hazards Identification

Primary Routes(s) Of Entry - Inhalation & skin contact
Eye Hazards - Mild irritation
Skin Hazards - Moderate irritation
Conditions Aggravated By Exposure - Allergy, eczema & skin conditions.
Conditions Aggravated By Overexposure - Irritation, sensitization and dermatitis.
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 - Wash with soap and water. Wash contaminated clothing before reuse.

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

Inhalation - Remove to fresh air and give oxygen if breathing is difficult. Seek medical attention.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: 200 °F

Flash Point Method: TCC

Lower Explosive Limit: N.E.

Upper Explosive Limit: N.E.

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

Extinguishing Media - Carbon dioxide, dry chemicals, foam or water spray.

Fire Fighting Instructions - Use self-contained breathing apparatus.

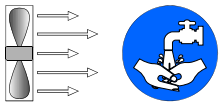
Flammable Limits: Acrid smoke/fumes

6. Accidental Release Measures

Small Spills: Wipe with rag. Avoid all personal contact.

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

Handling & Storage (Pictograms)



7. Handling And Storage

Handling And Storage Precautions - Causes irritation. May cause allergic skin reaction.

Handling Precautions - Avoid contact with eyes, skin or clothing. Avoid breathing vapors, use with good ventilation.

Storage Precautions - Store in cool, dry area in closed cartridges. **DO NOT ALLOW TO FREEZE**

Work/Hygienic Practices - Wash hands thoroughly with soap and water after every use.

Avoid breathing vapors. Use with good ventilation. Wash hands thoroughly with soap and water after every use.

Protective Clothing (Pictograms)



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8. Exposure Controls/Personal Protection

Engineering Controls - Ventilation - Use good mechanical, ventilation and local exhaust.

Eye/Face Protection - Safety glasses.

Skin Protection - Rubber or polyethylene gloves. Use of barrier cream recommended.

Respiratory Protection - Avoid breathing vapors, use adequate ventilation.

Other/General Protection - Use disposable containers and paper on work area.

Use appropriate equipment to prevent eye or skin contact.

9. Physical And Chemical Properties

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: >200 °C

Specific Gravity: 1.32 (water=1)

Percent Volatiles: NIL

Vapor Pressure: >1 TORR @ 180 degree C

Vapor Density: >1 (air = 1)

Solubility: Insoluble

Evaporation Rate: <1 (butyl acetate = 1)

10. Stability And Reactivity

Stability: Stable

Conditions To Avoid (Stability) - Elevated temperatures.

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

Hazardous Decomposition Products - Carbon monoxide, carbon dioxide, aldehydes and other organics.

11. Toxicological Information

Eye Effects - (Rabbits) Mild Irritation.

Skin Effects - (Rabbits) Moderate irritation.

Acute Oral Effects - Oral LDO: (Rabbit) >4000 mg/kg

Chronic/Carcinogenicity - None of the components of this material are listed as carcinogens by NTP, IARC or OSHA.

LD SOs provided are the lowest values for the type of bisphenol A diglycidal ether resins used.

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

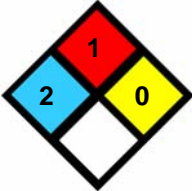
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Quick Set Surface Port Paste (Side A)

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, 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 1
	REACTIVITY 0
	PERSONAL PROTECTION J

16. Other Information

Revision/Preparer Information

This MSDS Supercedes A Previous MSDS Dated: 07/20/2001

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.

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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MATERIAL SAFETY DATA SHEET

Quick Set Surface Port Paste (Side B)

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2. Composition/Information On Ingredients					
		Ingredient Name	CAS Number		Percent Of Total Weight
		FUMED SILICA	067762-90-7		0 - 5
		INERT POWDERS	14807-96-6		60 - 80
		PROPRIETARY POLYMERCAPTANS	TRADE SEC		20 - 40
EMERGENCY OVERVIEW					
KEEP AWAY FROM CHILDREN & PETS					
3. Hazards Identification					
Primary Routes(s) Of Entry - Inhalation and skin contact. Eye Hazards - Conjunctival irritant Skin Hazards - Mild irritation 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 and 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.					

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Quick Set Surface Port Paste (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 victim is conscious, give plenty of water and induce vomiting. Seek medical attention.

Inhalation - Remove to fresh air if breathing is difficult. Seek medical attention.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: 185 °F

Flash Point Method: PMCC

Lower Explosive Limit: NE

Upper Explosive Limit: NE

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

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

6. Accidental Release Measures

Soak up with inert material or scrape up. Collect waste in designated container. Avoid personal contact. Flush contaminated area with water.

Handling & Storage (Pictograms)



7. Handling And Storage

Handling Precautions - Keep containers tightly closed when not in use. Avoid breathing vapors of heated material.

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 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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Quick Set Surface Port Paste (Side B)

8. Exposure Controls/Personal Protection - Continued

Respiratory Protection - Use adequate ventilation. Avoid breathing vapors.

9. Physical And Chemical Properties

Appearance - Black Paste

Odor - Skunk like, Pinc -0.1

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: Not determined (>200) °F

Specific Gravity: >1.91 +/- .02 (water=1)

Percent Volatiles: <1

Vapor Pressure: ND

Vapor Density: ND

Solubility: Appreciable in water

Evaporation Rate: <1 (butyl acetate=1)

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 oxidizing agents, acids

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

11. Toxicological Information

Eye Effects - (Rabbits) - Conjunctival irritant.

Skin Effects - (Rabbit) - Mild irritant

Acute Oral Effects - **Oral LDO:** (Rat) LD50 - < 5 cc/kg

Acute Inhalation Effects - Can cause irritation of respiratory tract, nausea and vomiting.

Chronic/Carcinogenicity - None of the components of this material are listed as carcinogens by NTP, IARC or OSHA.

Conditions Aggravated By Exposure - Allergy, eczema or any kind of skin condition.

12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose of in accordance with Federal, State and Local Regulations.

14. Transport Information

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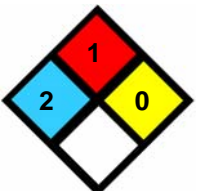
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15. Regulatory Information - Continued

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<u>NFPA</u>	<u>HMIS</u>								
	<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
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Mar-Flex Waterproofing Systems

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