



## MATERIAL SAFETY DATA SHEET



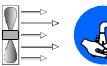
### Quick Set Surface Port Paste (Side A)

<b>1. Product And Company Identification</b>			
<b>Supplier</b> Mar-flex Waterproofing & Building Products 500 Business Parkway Carlisle, OH 45005 USA  Telephone Number: 513-422-7285 FAX Number: 513-422-7282 E-Mail: info@mar-flex.com Web Site: www.mar-flex.com		<b>Manufacturer</b> Mar-flex Waterproofing & Building Products 500 Business Parkway Carlisle, OH 45005 USA  Telephone Number: 513-422-7285 FAX Number: 513-422-7282 E-Mail: info@mar-flex.com Web Site: www.mar-flex.com	
<b>Supplier Emergency Contacts &amp; Phone Number</b> Chem-Trec: 1-800-424-9300		<b>Manufacturer Emergency Contacts &amp; Phone Number</b> Chem-Trec: 1-800-424-9300	
Issue Date: 12/21/2011 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  <b>Synonyms</b> Thermosetting Resin  <b>Product/Material Uses</b> - Used in conjunction with "Side B" to seal the surface of a crack and to attach ports to masonry surfaces. <b>Product Identification Text</b> - Side "A" of the 1:1 Cartridge			
<b>2. Composition/Information On Ingredients</b>			
	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
<b>EMERGENCY OVERVIEW</b>			
<b>KEEP AWAY FROM CHILDREN AND ANIMALS.</b>			
<b>3. Hazards Identification</b>			
<b>Primary Routes(s) Of Entry</b> - Inhalation & skin contact <b>Eye Hazards</b> - Mild irritation <b>Skin Hazards</b> - Moderate irritation <b>Conditions Aggravated By Exposure</b> - Allergy, eczema & skin conditions. <b>Conditions Aggravated By Overexposure</b> - Irritation, sensitization and dermatitis. <b>Sensitization</b> - Sensitizer			



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<b>First Aid (Pictograms)</b> 
<b>4. First Aid Measures</b> <b>Eye</b> - Flush with water for at least 15 minutes. If any ill effects develop, seek medical attention. <b>Skin</b> - Wash with soap and water. Wash contaminated clothing before reuse. <b>Ingestion</b> - Give large quantities of water and induce vomiting. Get medical attention. <b>Inhalation</b> - Remove to fresh air and give oxygen if breathing is difficult. Seek medical attention.
<b>Fire Fighting (Pictograms)</b> 
<b>5. Fire Fighting Measures</b> Flash Point: 200 °F Flash Point Method: TCC Lower Explosive Limit: N.E. Upper Explosive Limit: N.E.  <b>Fire And Explosion Hazards</b> - Decomposition and combustion products may be toxic. <b>Extinguishing Media</b> - Carbon dioxide, dry chemicals, foam or water spray. <b>Fire Fighting Instructions</b> - Use self-contained breathing apparatus. <b>Flammable Limits:</b> Acrid smoke/fumes
<b>6. Accidental Release Measures</b> <b>Small Spills:</b> Wipe with rag. Avoid all personal contact. <b>Larger Spills:</b> Use absorbent material. Collect waste in designated container. Flush contaminated area with water.
<b>Handling &amp; Storage (Pictograms)</b> 
<b>7. Handling And Storage</b> <b>Handling And Storage Precautions</b> - Causes irritation. May cause allergic skin reaction. <b>Handling Precautions</b> - Avoid contact with eyes, skin or clothing. Avoid breathing vapors, use with good ventilation. <b>Storage Precautions</b> - Store in cool, dry area in closed cartridges. <b>DO NOT ALLOW TO FREEZE</b> <b>Work/Hygienic Practices</b> - 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.



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Quick Set Surface Port Paste (Side A)

7. Handling And Storage - Continued

Protective Clothing (Pictograms)



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 diglycidyl 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



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Quick Set Surface Port Paste (Side A)

14. Transport Information - Continued

DOT Shipping Label

Caulking Compound,NOI,In Boxes (1-149610)

Freight Class

55

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.



HMIS

Table with 3 rows: HEALTH (2), FLAMMABILITY (1), REACTIVITY (0), PERSONAL PROTECTION (J)

16. Other Information

Revision/Preparer Information

This MSDS Supersedes 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.

Mar-flex Waterproofing & Building Products 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)



MATERIAL SAFETY DATA SHEET

Quick Set Surface Port Paste (Side B)

<b>1. Product And Company Identification</b>		
<b>Supplier:</b> Mar-flex Waterproofing & Building Products 500 Business Parkway Carlisle, OH 45005 USA Telephone Number: 513-422-7285 FAX Number: 513-422-7282 E-Mail: info@mar-flex.com Web Site: www.mar-flex.com	<b>Manufacturer:</b> Mar-flex Waterproofing & Building Products 500 Business Parkway Carlisle, OH 45005 USA Telephone Number: 513-422-7285 FAX Number: 513-422-7282 E-Mail: info@mar-flex.com Web Site: www.mar-flex.com	
<b>Supplier: Emergency Contacts &amp; Phone Number</b> <b>Chem-Trec: 1-800-424-9300</b>	<b>Manufacturer: Emergency Contacts &amp; Phone Number</b> <b>Chem-Trec: 1-800-424-9300</b>	
Issue Date: 12/21/2011 Product Name: Quick Set Surface Port Paste (Side B) Chemical Name: Modified Polymercaptain CAS Number: Not Established MSDS Number: 160 Product Code: IA-68160 <b>Synonyms</b> Epoxy Hardner <b>Product/Material Uses</b> - Used in conjunction with "Side A" to seal the surface of a crack and to attach ports to masonry surfaces. <b>Product Identification Text</b> - Side "B" of the 1:1 Cartridge		
<b>2. Composition/Information On Ingredients</b>		
Ingredient Name	CAS Number	Percent Of Total Weight
FUMED SILICA	067762-90-7	0 - 5
INERT POWDERS	14807-96-6	60 - 80
PROPRIETARY POLYMERCAPTAINS	TRADE SEC	20 - 40
<b>EMERGENCY OVERVIEW</b>		
<b>KEEP AWAY FROM CHILDREN AND ANIMALS.</b>		
<b>3. Hazards Identification</b>		
<b>Primary Route(s) Of Entry</b> - Inhalation & skin contact. <b>Eye Hazards</b> - Conjunctival irritant <b>Skin Hazards</b> - Moderate irritation <b>Chronic/Carcinogenicity Effects</b> - None of the components of this material are listed as carcinogens by NTP, IARC or OSHA. <b>Conditions Aggravated By Exposure</b> - Allergy, eczema & skin conditions. <b>Conditions Aggravated By Overexposure</b> - <b>ACUTE:</b> Will cause burns to skin and eyes. High concentrations of vapor can cause irritation of respiratory tract, nausea and vomiting.		

<b>First Aid (Pictograms)</b> 
<b>4. First Aid Measures</b> <b>Eye</b> - Flush with water for at least 15 minutes. Seek medical attention. <b>Skin</b> - Immediately deluge skin with plenty of water. Remove contaminated clothing and shoes. <b>Ingestion</b> - If victim is conscious, give large quantities of water and induce vomiting. Seek medical attention. <b>Inhalation</b> - Remove to fresh air if breathing is difficult. Seek medical attention.
<b>Fire Fighting (Pictograms)</b> 
<b>5. Fire Fighting Measures</b> Flash Point: 185 °F Flash Point Method: PMCC Lower Explosive Limit: NE Upper Explosive Limit: NE <b>Extinguishing Media</b> - Use CO2 (Carbon Dioxide), dry chemicals, or foam. <b>Fire Fighting Instructions</b> - Avoid breathing smoke. Use self-contained breathing apparatus.
<b>6. Accidental Release Measures</b> <b>Small Spills:</b> Wipe with rag. Avoid all personal contact. <b>Larger Spills:</b> Use absorbent material. Collect waste in designated container. Flush contaminated area with water.
<b>Handling &amp; Storage (Pictograms)</b> 
<b>7. Handling And Storage</b> <b>Handling And Storage Precautions</b> - Causes irritation. May cause allergic skin reaction. <b>Handling Precautions</b> - Keep containers tightly closed when not in use. Avoid breathing vapors of heated material. <b>Storage Precautions</b> - Store away from heat and open flame. Store in cool, dry area in closed cartridges. <b>DO NOT ALLOW TO FREEZE</b> <b>Work/Hygienic Practices</b> - Wash hands thoroughly with soap and water after handling.
<b>Protective Clothing (Pictograms)</b> 


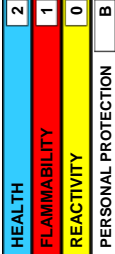


**MATERIAL SAFETY DATA SHEET**  
**Quick Set Surface Port Paste (Side B)**

<b>8. Exposure Controls/Personal Protection</b>
<b>Engineering Controls - Ventilation</b> - Normal ventilation should be adequate. Local if vapors are vented. <b>Eye/Face Protection</b> - Safety glasses. <b>Skin Protection</b> - Rubber or impervious gloves recommended. <b>Respiratory Protection</b> - Avoid breathing vapors, use adequate ventilation.
<b>9. Physical And Chemical Properties</b>
<b>Appearance</b> - Black paste. <b>Odor</b> - Skunk like, Pinc-0.1 Chemical Type: Mixture Physical State: Liquid Boiling Point: ND (>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)
<b>10. Stability And Reactivity</b>
Stability: Stable Hazardous Polymerization: Will not occur
<b>Conditions To Avoid (Stability)</b> - Mixing with oxidizers or epoxy resins in quantities over 1 lb. <b>Incompatible Materials</b> - Strong oxidizing agents, acids <b>Hazardous Decomposition Products</b> - Carbon monoxide, carbon dioxide, and nitrogen oxides.
<b>11. Toxicological Information</b>
<b>Eye Effects</b> - (Rabbits) - Conjunctival irritant. <b>Skin Effects</b> - (Rabbits) Moderate irritation. <b>Acute Oral Effects</b> - Oral LD <sub>50</sub> : (Rat) LD50 - < 5 cc/kg <b>Acute Inhalation Effects</b> - Can cause irritation of respiratory tract, nausea and vomiting. <b>Chronic/Carcinogenicity</b> - None of the components of this material are listed as carcinogens by NTP, IARC or OSHA. <b>Conditions Aggravated By Exposure</b> - Allergy, Eczema or any kind of skin condition. LD SOs provided are the lowest values for the type of bisphenol A diglycidial ether resins used.
<b>12. Ecological Information</b>
No Data Available...
<b>13. Disposal Considerations</b>
Dispose in accordance with Federal, State and Local regulations.
<b>14. Transport Information</b>
<b>Proper Shipping Name</b> - Caulking Compound <b>DOT Shipping Label</b> Caulking Compound: NO1 in Boxes (1-149610)



**MATERIAL SAFETY DATA SHEET**  
**Quick Set Surface Port Paste (Side B)**

<b>14. Transport Information - Continued</b>
<b>Freight Class</b> 55
<b>15. Regulatory Information</b>
<b>State Regulations</b> - 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
<b>16. Other Information</b>
<b>Revision/Preparer Information</b> This MSDS Supersedes A Previous MSDS Dated: 01/06/2011  This MSDS complies with 29 CFR 1910.1200 (Hazard Communication Standard). This MSDS should be read and understood before using this product.
<b>Disclaimer</b>  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.  Mar-flex Waterproofing & Building Products 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).
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