

Material Safety Data Sheet

MSDS

MATERIAL SAFETY DATA SHEET

NON HAZARDOUS – CHEMICAL IDENTIFICATION CODE NOT APPLICABLE

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY UNDERTAKING:

Product Name : ! « a ¥ ¥ ¥ ¥ F (PART A)
Application : Fairing Coat Epoxy Mortar
Company : Al Mutatawer Factory for Building Materials
Address : New Industrial Area Street #2, Zone 81 P.O. Box 13310, Doha, Qatar
Telephone : +974 4460 0862
Fax :

2. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	% Composition	CAS No.
Modified epoxy resin	20-40	25068-38-6
Fillers	50-80	14808-60-7
Special chemical additives	0-5	Proprietary

3. HAZARDS IDENTIFICATIONS:

R Phrase(s) : R20/21/22; Harmful by inhalation, in contact with skin and if swallowed
R34; Causes burns
R43; May cause sensitization by skin contact
R52/53; Harmful to aquatic organisms may cause long terms adverse effects in aquatic environment.
S Phrase(s) : S26; In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28; After contact with skin, wash immediately with plenty of water and soap.
S36/37/39; Wear suitable protective clothing, gloves and eye/face protection.
S45; In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

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S51; Use only in well ventilated areas

4. FIRST AID MEASURES:

Eye contact	:	Flush immediately with plenty of water for at least 15 minutes. Get medical attention.
Skin contact	:	Remove contaminated clothes immediately. Wash affected area with plenty of water. Seek medical attention.
Inhalation obtain	:	Remove affected person to fresh air. If symptoms persist medical attention.
Ingestion	:	If swallowed drink water. Obtain medical attention. Induce vomiting only on advice of physician.

5. FIRE FIGHTING MEASURES:

Extinguishing Media Suitable	:	Foam, carbon dioxide and dry powder.
Not to be used	:	Water jet, combustion products

6. ACCIDENTAL RELEASE MEASURES:

After Spillage/Leakage	:	Absorb with suitable material e.g. sand and earth, seal in plastic bag and bury in landfill. Flush contaminated area with plenty of water. In addition, please refer to the local regulations regarding disposal.
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7. HANDLING AND STORAGE:

Technical Protective Measures	:	Store in shaded areas away from direct sunlight. Keep away from other flammable liquids.
Protection against fire and explosion	:	Avoid use in confined space and sources of Ignition – no smoking.

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS:

Exposure Limits	:	MAK (DFG, 1997) Personal protective equipment
Respiratory Protection	:	Nasal respirator if product required in confined spaces.
Eye Protection	:	Safety goggles
Skin Protection	:	Impervious gloves

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Other Industrial Hygiene	:	Observe the usual precaution when handling chemicals. Wash hands before breaks and after finishing work. Do not eat, drink or smoke at workplace.
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9. PHYSICAL AND CHEMICAL PROPERTIES:

Form	:	paste
Colour	:	Grey
Odour	:	Characteristic
Change in physical state	:	N/A
Boiling point, °C (mm Hg)	:	N/A
Melting point (°C)	:	N/A
Flash point (°C)	:	Approx. 120
Autoignition temperature (°C)	:	N/A
Thermal decomposition	:	N/A
Density, g/cm3 (°C)	:	1.46
Vapour pressure, mbar (°C)	:	N/A
Viscosity(°C)	:	N/A
pH value(°C)	:	N/A
Solubility in water (°C)	:	N/A

10. STABILITY AND REACTIVITY:

Hazardous decomposition products	:	Hazardous decomposition products are not expected to form during normal storage. When exposed to high temperature may produce carbon monoxide and dioxide, smoke and oxides of nitrogen.
Hazardous reactions	:	Exothermic reaction with amines and alcohols. Keep away from oxidizing agents, strongly alkaline and acidic materials in order to avoid exothermic reactions.

11. TOXICOLOGICAL INFORMATION:

Information of toxicity	:	Susceptible people may suffer allergic reactions. Product has synthesizing effects.
Skin / Eyes	:	Frequent and long lasting contact may cause irritation and skin inflammation.

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12. ECOLOGICAL INFORMATION:

Ecological effect information	:	Do not discharge product into drains and sewers.
Impairment of sludge activity	:	
Other information	:	Not readily biodegradable

13. DISPOSAL CONSIDERATIONS:

Disposal	:	Absorb with sand or earth. Collect in plastic disposable bags. Bury in or mix separate product components in ratio as supplied and not exceeding single pack size quantities, in suitable metal containers. Bury in Landfill. In addition, please refer to the local regulations regarding disposal.
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14. TRANSPORT INFORMATION:

UN No.	:	3082
IMO Class	:	
ICAO/IATA	:	Class 9 Packing Group III
Marine Pollutant	:	Yes

15. REGULATORY INFORMATION:

Labelling	:	According to EEC directives for preparation.
R Phrase(s)	:	R20/21/22; Harmful by inhalation, in contact with skin and if swallowed R34; Causes burns R43; May cause sensitization by skin contact R52/53; Harmful to aquatic organisms may cause long terms adverse effects in aquatic environment.
S Phrase(s)	:	S26; In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28; After contact with skin, wash immediately with plenty of water and soap. S36/37/39; Wear suitable protective clothing, gloves and eye/face protection. S45; In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

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S51; Use only in well ventilated areas

16. OTHER INFORMATION:

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness. Further copies of this Safety Data Sheet may be obtained from Colmef.

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Application : Fairing Coat Epoxy Mortar
Company : Al Mutatawer Factory for Building Materials
Address : New Industrial Area Street #2, Zone 81 P.O. Box 13310, Doha, Qatar
Telephone : +974 4460 0862
Fax :

2. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	% Composition	CAS No.
Modified Polyamido Amine	> 95	Proprietary
Fumed Silica	0-5	112965-52-5

3. HAZARDS IDENTIFICATIONS:

Hazardous identification : C (Corrosive)
Risk Phrase(s) : R34; Causes burns
R43; May cause sensitization by skin contact
Safety Phrase(s) : S26; In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S36/37/39; Wear suitable protective clothing, gloves and eye/face protection
S45; In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
S61; Avoid release to the environment. Refer to special instructions / safety data sheets

4. FIRST AID MEASURES:

Eyes : Remove contact lenses. Hold eyelids apart. Immediately flush

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Skin	:	eyes with plenty of low pressure water for at least 15 minutes. Get immediate medical attention.
Inhalation	:	Wash thoroughly with soap and water. Remove contaminated clothing. Thoroughly wash clothing before reuse. Render unusable and discard contaminated shoes and leather articles. Remove to fresh air. Give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
Ingestion	:	If conscious, drink large quantities of water. Induce vomiting. Call a physician or poison control center immediately

5. FIRE FIGHTING MEASURES:

Extinguishing Media Suitable	:	Foam, carbon dioxide and dry powder.
Not to be used	:	Water jet, combustion products

6. ACCIDENTAL RELEASE MEASURES:

Clean up spills immediately using soft natural bristle brush and conductive rubber or conductive plastic shovel. Use caution, material is sensitive to initiation from sources such as heat, flame, shock, friction, or sparks.

7. HANDLING AND STORAGE:

General measures	:	Do not pressurize or expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Store in a cool, dry place. Store only in Department of Transportation approved containers. Check old product for deterioration regularly.
Materials or conditions to avoid	:	Avoid storing product near incompatible materials. See section 10. Do not keep deteriorated or salvaged product. Keep away from heat, flame, sparks, and other ignition Sources. Do not store in direct sunlight or expose to UV radiation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS:

Exposure Limits	:	MAK (DFG, 1997) Personal protective equipment
Respiratory Protection	:	Nasal respirator if product required in confined spaces.
Eye Protection	:	Safety goggles
Skin Protection	:	Impervious gloves
Other Industrial Hygiene	:	Observe the usual precaution when handling chemicals. Wash hands before breaks and after finishing work. Do not eat, drink or smoke at workplace.

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9. PHYSICAL AND CHEMICAL PROPERTIES:

Form	:	Liquid Paste
Colour	:	Dark Grey
Odour	:	Amine-like
Change in physical state	:	N/A
Boiling point, °C (mm Hg)	:	>230
Melting point (°C)	:	N/A
Flash point (°C)	:	Approx. 110
Autoignition temperature (°C)	:	N/A
Explosion limits	:	N/A
-Lower		
-Upper		
Thermal decomposition	:	N/A
Density, g/cm3 (°C)	:	1.65
Vapour pressure, mbar (°C)	:	N/A
pH value(°C)	:	N/A
Solubility in water (°C)	:	Miscible
Further information	:	N/A

10. STABILITY AND REACTIVITY:

Hazardous decomposition	:	When exposed to high temperatures may produce carbon monoxide and/or carbon dioxide and oxides of nitrogen.
Hazardous reactions	:	Reaction with strong acids, oxidizing material and strong bases possible.

11. TOXICOLOGICAL INFORMATION:

Information of toxicity	:	General acute oral toxicity (LD50, rat) 4300 mg/kg
Skin irritation	:	Corrosive
Eye irritation	:	Corrosive
Other Information	:	

12. ECOLOGICAL INFORMATION:

Ecotoxicity	:	No ecological studies have been carried out with this product.
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13. DISPOSAL CONSIDERATIONS:

Disposal : Absorb with sand or earth. Collect in plastic disposable bags. Bury in or mix separate product components in ratio as supplied and not exceeding single pack size quantities, in suitable metal containers. Bury in Landfill. In addition, please refer to the local regulations regarding disposal.

14. TRANSPORT INFORMATION:

UN Haz. Class : 8
UN Number : 1760
Packaging Group : 3

15. REGULATORY INFORMATION:

Hazardous identification : C (Corrosive)

Risk Phrase(s) : R34; Causes burns
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Safety Phrase(s) : S26; In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
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