

# Material Safety Data Sheet

NON HAZARDOUS – CHEMICAL IDENTIFICATION CODE NOT APPLICABLE

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

**Product Name** : DECOFLOOR METALLIC EP PART A  
**HS CODE** : **39073000**  
**Application** : Decorative Metallic Effect Smooth Floor System  
**Manufacturer** : MATEX CONSTRUCTION CHEMICALS MANUFACTURING CO. L.L.C.  
**Address** : P.O. Box 29585  
**Telephone** : +971 4 3334140  
**Fax** : +971 4 3334115  
**Email** : [info@matex.ae](mailto:info@matex.ae)  
**Website** : [www.matex-global.com](http://www.matex-global.com)

## 2. HAZARDS IDENTIFICATION:

**Hazards Information** : Corrosive. Cause burns. Harmful by inhalation, in contact with skin and if swallowed.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	% Composition	CAS #
Epoxy resin	>100	250-38-6

## 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** : Remove affected person to fresh air. If symptoms persist obtain medical attention.  
**Ingestion** : If swallowed drink water. Obtain medical attention. Induce vomiting only on advice of physician.

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## 5. FIRE FIGHTING MEASURES:

Extinguishing Media Suitable	:	Foam, carbon dioxide and dry powder and water.
Not to be used	:	Combustion products
Further information	:	

## 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
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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

Form	:	Liquid
Colour	:	Colorless

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Odour	:	Characteristic
Change in physical state	:	N/A
Boiling point, °C (mm Hg)	:	N/A
Melting point, °C	:	
Flash Point (°C)	:	Approx. 120
Auto-ignition temperature (°C)	:	N/A
Explosion limits	:	N/A
-lower		
-upper		
Thermal decomposition	:	N/A
Specific gravity (°C)	:	1.4 (25)
Density, g/cm <sup>3</sup> (°C)	:	1.1- 1.2 (20)
Vapour pressure, mbar (°C)	:	< 1000 (50)
Viscosity (°C)	:	<60 poise (25)
pH value (°C)	:	N/A
Solubility in water (°C)	:	N/A

## 10. STABILITY AND REACTIVITY:

Hazardous decomposition products	:	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	:	Not toxicological tested
General Acute Oral Toxicity (LD50, rat)	:	
Skin Irritation	:	May cause irritation
Eye Irritation	:	May cause inflammation
Other Information	:	

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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 landfill 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:

RID/ADR	:	
UN No.	:	3082
IMDG Code	:	
GGVE/GGVS	:	
ICAO/IATA	:	Class 9 Packing Group III
ADNR	:	
Other Information	:	Environmentally hazardous substance

## 15. REGULATORY INFORMATION:

Labelling	:	According to EEC directives for preparation.
Symbol	:	Xi – Irritant
R Phrase(s)	:	R36/38 Irritating to eyes & skin R43 May cause sensitization by skin contact
S Phrase(s)	:	S24/25 Avoid contact with skin and eyes S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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- S28 After contact with skin, wash immediately with soap and plenty of water
- S36/37/39 Wear suitable protective clothing, gloves and eye / face protection.
- S51 Use only in well ventilated areas.
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## 16. OTHER INFORMATION:

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It is the responsibility and duty of the employer to inform employees and others who may be affected of hazards described in this sheet and of any precautions which should be taken.

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# Material Safety Data Sheet

NON HAZARDOUS – CHEMICAL IDENTIFICATION CODE NOT APPLICABLE

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

<b>Product Name</b>	:	DECOFLOOR METALLIC EP PART B
<b>HS Code</b>	:	<b>38249090</b>
<b>Application</b>	:	Decorative Metallic Effect Smooth Floor System
<b>Manufacturer</b>	:	MATEX CONSTRUCTION CHEMICALS MANUFACTURING CO. L.L.C.
<b>Address</b>	:	P.O. Box 29585
<b>Telephone</b>	:	+971 4 3334140
<b>Fax</b>	:	+971 4 3334115
<b>Email</b>	:	<a href="mailto:info@matex.ae">info@matex.ae</a>
<b>Website</b>	:	<a href="http://www.matex-global.com">www.matex-global.com</a>

## 2. HAZARDS IDENTIFICATION:

Classification according to regulation (EC) no. 1272/2008

**Signal Word** : Corrosive  
Dangerous the Environment

**Symbol** :



**R phrase(s)** :

- : R20/22 Harmful by inhalation and if swallowed
- : R35 Causes severe burns
- ; R43 May cause sensitization by skin contact
- : R51/53 Toxic to aquatic organisms, may cause long-term Adverse effects in the aquatic environment

**S 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 label where possible)
- : S57 Use appropriate containment to avoid environmental contamination
- : S60 This material and/or its container must be disposed of as hazardous waste.

**Other Hazards** :

- : Corrosive
- : Components of the product may affect the nervous system
- : May cause sensitization by skin contact
- : Harmful by inhalation

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Harmful if swallowed  
Harmful in contact with skin

## 3. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	% Composition	CAS No.	Classification
4,4' – Methylenebis (cyclohexylamine)	>25%	217-168-8	Aquatic Chronic 2 Skin Corr/Irrit 1A Acute Tox. Oral 4
Benzyl Alcohol	>25%	202-859-9	Acute Tox. Iha 4 Acute Tox. Oral 4

## 4. FIRST AID MEASURES:

**Eyes** : Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention urgently

**Skin** : Wash immediately with copious quantities of water. Remove contaminated clothing immediately. Obtain medical advice if skin disorders develop.

**Inhalation** : Remove from exposure, rest and keep warm and obtain medical attention urgently.

**Ingestion** : Wash out mouth with water. DO NOT induce vomiting. Obtain medical attention.

### Indication of any immediate medical attention and special treatment needed

**Treatment** : NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation

## 5. FIRE FIGHTING MEASURES:

**Suitable Extinguishing Media** : alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>), dry chemical  
Dry sand, lime powder

### Special hazards arising from the substance or mixture

: Incomplete combustion may form carbon monoxide. May generate ammonia gas. May generate toxic nitrogen oxide gases. Burning produces noxious and toxic fumes. Downwind personnel must be evacuated.

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<b>Advice for fire-fighters</b>	:	Avoid contact with the skin. A face shield should be worn. Use personal protective equipment. Wear self-contained breathing apparatus for fire-fighting if necessary.
<b>Further Information</b>	:	Do not allow run-off from fire -fighting to enter drains or water Courses. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations

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## 6. ACCIDENTAL RELEASE MEASURES:

<b>Personal Precautions</b>	:	Wear suitable protective clothing, gloves and eye/face protection. Use self-contained breathing apparatus and chemically protective clothing. Evacuate personnel to safe areas.
<b>Environmental Precautions</b>	:	Prevent entry into drains, sewers and water courses. Construct a dike to prevent spreading
<b>Methods and material for Containment and cleaning up</b>	:	Contact Air Products Emergency Response Center for advice. approach suspected leak areas with caution. Place in appropriate chemical waste container.

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## 7. HANDLING AND STORAGE:

<b>Handling</b>	:	Use only in well-ventilated areas. Avoid breathing vapors and/or aerosols. Avoid contact with skin and eyes. Emergency showers and eyewash stations should be readily accessible. Adhere to work practice rules established by government regulations. Use personal protective equipment. When using, do not eat, drink or smoke
<b>Storage</b>	:	Do not store near acids. Keep containers tightly closed in a dry, cool and well-ventilated place

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

<b>Engineering Control Measures</b>	:	Provide readily accessible eyewash stations and safety showers
	:	Provide natural or explosion-proof ventilation adequate to Ensure concentrations are kept below exposure limits



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<b>Respiratory Protection</b>	:	Wear appropriate respirator when ventilation is adequate
<b>Hand Protection</b>	:	Butyl-rubber, nitrile rubber, neoprene gloves, polyvinyl alcohol Gloves, impervious gloves, PVC disposable gloves
<b>Eye Protection</b>	:	Goggles which can be tightly sealed. Full face shield with goggles underneath
<b>Skin Protection</b>	:	Impervious clothing, full rubber suit (rain gear), rubber or plastic boots
<b>General protection and Hygiene Measures</b>	:	Discard contaminated leather articles. Remove contaminated Clothing. Drench affected area with water for at least 15 min. Wash at the end of each workshift and before eating, smoking or using the toilet. Provide readily accessible eyewash stations and safety showers.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

<b>Physical State</b>	:	light yellow liquid
<b>Odour</b>	:	Ammoniacal
<b>Boiling Point/Range (°C)</b>	:	Not applicable
<b>Melting Point/Range (°C)</b>	:	Not applicable
<b>Flash Point (closed) (°C)</b>	:	None
<b>Autoflammability (°C)</b>	:	Not determined
<b>pH</b>	:	Alkaline
<b>Explosive Properties (%)</b>	:	Not known
<b>Density (at 20°C)</b>	:	Not determine
<b>Water Solubility</b>	:	Insoluble
<b>Relative Density</b>	:	1.01
<b>Viscosity</b>	:	450 mPa.s at 73°F

## 10. STABILITY AND REACTIVITY:

<b>Stability</b>	:	Stable under normal conditions
<b>Conditions to avoid</b>	:	No data available
<b>Incompatible materials</b>	:	Reactive metals (e.g sodium, calcium, zinc, etc) Materials reactive with hydroxyl compounds Organic acids (i.e acetic acid, citric acid, etc.) Mineral acids Sodium hypochlorite Product slowly corrodes copper, aluminum, zinc and galvanized surfaces Reaction with peroxides may result in violent decomposition Of peroxide possible creating an explosion

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Oxidizing agents

## Hazardous Decomposition

### Products

: Nitric acid  
Ammonia  
Nitrogen oxides  
Nitrogen oxide can react with water vapors to form corrosive Nitric acid  
Carbon Monoxide  
Carbon Dioxide  
Aldehydes  
Flammable hydrocarbon fragments

## 11. TOXICOLOGICAL INFORMATION:

### Health Effects:

#### On Eyes

: Corneal edema may give rise to a perception of "blue haze" or "fog" around lights. Exposed individuals may see rings around bright lights. This effect is temporary and has no known residual effect. Product vapor can cause glaucopsia (corneal edema) when absorbed into the tissue of the eye from the atmosphere. Causes eye buns. May cause blindness

#### On skin

: Causes skin burns. If absorbed through the skin, may cause central nervous system effects, such as headache, nausea, dizziness, confusion, breathing tiredness, nausea and vomiting. Harmful n contact with skin

#### By Inhalation

: Harmful if inhaled and may cause delayed lung injury. Can cause severe eye, skin and respiratory tract burns. Risk of serious damage to the lungs (by inhalation). May cause nose, throat, and lung irritation. Inhalation f aerosol may cause irritation to the upper respiratory tract. May cause central nervous system effects such as headache, nausea, dizziness, confusion, breathing difficulties. Severe cases of overexposure can result in respiratory failure. Harmful if inhaled

#### By Ingestion

: If ingested, severe burns of the mouth and throat as well as a Danger of perforation of the oesophagus and the stomach. Harmful if inhaled.

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## 12. ECOLOGICAL INFORMATION:

Environmental / Assessment	:	No data is available on the product itself
Persistence and Degradability	:	Not determine
Bio-accumulative Potential	:	Not determine
Eco-toxicity	:	Not determine

## 13. DISPOSAL CONSIDERATIONS:

Disposal must be in accordance with local and national legislation.

Unused Product	:	Dispose of in an approved manner.
Used / Contaminated Product	:	Dispose of container and unused contents in accordance with Federal, state, and local requirements
Packaging	:	The method of disposal must be acceptable to the local authority.

## 14. TRANSPORT INFORMATION:

### General Information:

Not hazardous according to RID, ADR, ADNR, IMDG, IATA – DGR.

## 15. REGULATORY INFORMATION:

### ADR

UN/ID NO.	:	UN2735
PROPER SHIPPING NAME:		AMINES, LIQUID, CORROSIVE, N.O.S (Cycloaliphatic amine, Tertiary Amine)
CLASS OR DIVISION	:	8
PACKING GROUP	:	II
TUNNEL CODE	:	€
LABEL (s)	:	8
ADR/RID HAZARD ID NO.	:	80

### IATA

UN/ID NO.	:	UN2735
PROPER SHIPPING NAME:		AMINES, LIQUID, CORROSIVE, N.O.S (cycloaliphatic amine, tertiary Amine)
CLASS OR DIVISION	:	8
PACKING GROUP	:	II
LABEL (s)	:	8

# Material Safety Data Sheet

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**IMDG****UN/ID NO.** : UN2735**PROPER SHIPPING NAME:** AMINES, LIQUID, CORROSIVE, N.O.S (Cycloaliphatic amine, tertiary Amine)**CLASS OR DIVISION** : 8**PACKNG GROUP** : II**LABEL (s)** : 8**MP Substances** : X

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**16. OTHER INFORMATION:**

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

**Product Name** : DECOFLOOR METALLIC EP PART C  
**HS CODE** : **39073000**  
**Application** : Decorative Metallic Effect Smooth Floor System  
**Manufacturer** : MATEX CONSTRUCTION CHEMICALS MANUFACTURING CO. L.L.C.  
**Address** : P.O. Box 29585  
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## 2. HAZARDS IDENTIFICATION:

**Hazards Information** : Corrosive. Cause burns. Harmful by inhalation, in contact with skin and if swallowed.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	% Composition	CAS #
Epoxy resin	>100	250-38-6

## 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** : Remove affected person to fresh air. If symptoms persist obtain medical attention.  
**Ingestion** : If swallowed drink water. Obtain medical attention. Induce vomiting only on advice of physician.

# Material Safety Data Sheet

## 5. FIRE FIGHTING MEASURES:

<b>Extinguishing Media Suitable</b>	:	Foam, carbon dioxide and dry powder and water.
<b>Not to be used</b>	:	Combustion products
<b>Further information</b>		

## 6. ACCIDENTAL RELEASE MEASURES:

<b>After Spillage/Leakage</b>	:	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:

<b>Technical Protective Measures</b>	:	Store in shaded areas away from direct sunlight. Keep away from other flammable liquids.
<b>Protection against Fire and Explosion</b>	:	Avoid use in confined space and sources of ignition - no smoking.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS:

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

<b>Form</b>	:	Liquid
<b>Colour</b>	:	Colorless

# Material Safety Data Sheet

Odour	:	Characteristic
Change in physical state	:	N/A
Boiling point, °C (mm Hg)	:	N/A
Melting point, °C	:	
Flash Point (°C)	:	Approx. 120
Auto-ignition temperature (°C)	:	N/A
Explosion limits	:	N/A
-lower		
-upper		
Thermal decomposition	:	N/A
Specific gravity (°C)	:	1.4 (25)
Density, g/cm <sup>3</sup> (°C)	:	1.1- 1.2 (20)
Vapour pressure, mbar (°C)	:	< 1000 (50)
Viscosity (°C)	:	<60 poise (25)
pH value (°C)	:	N/A
Solubility in water (°C)	:	N/A

## 10. STABILITY AND REACTIVITY:

Hazardous decomposition products	:	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	:	Not toxicological tested
General Acute Oral Toxicity (LD50, rat)	:	
Skin Irritation	:	May cause irritation
Eye Irritation	:	May cause inflammation
Other Information	:	

# Material Safety Data Sheet

## 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 landfill 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:

RID/ADR	:	
UN No.	:	3082
IMDG Code	:	
GGVE/GGVS	:	
ICAO/IATA	:	Class 9 Packing Group III
ADNR	:	
Other Information	:	Environmentally hazardous substance

## 15. REGULATORY INFORMATION:

Labelling	:	According to EEC directives for preparation.
Symbol	:	Xi – Irritant
R Phrase(s)	:	R36/38 Irritating to eyes & skin R43 May cause sensitization by skin contact
S Phrase(s)	:	S24/25 Avoid contact with skin and eyes S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



# Material Safety Data Sheet

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- S28 After contact with skin, wash immediately with soap and plenty of water
- S36/37/39 Wear suitable protective clothing, gloves and eye / face protection.
- S51 Use only in well ventilated areas.
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