

Safety Data Sheet

Megamar Epoxy Zinc Phosphate Prime 131

Safety Data Sheet dated 17/7/2010, version 2.1

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

Trade name: Megamar Epoxy Zinc Phosphate Primer
Trade code: 131-3579
Product type and use: Paint products
Seller:
Shanghai Mega Coating Company Limited Tel :(021) 59100888 - Fax :(021) 59150001

Emergency telephone number of the company and/or of an authorised advisory centre:
Tel:(021)62679090

2. HAZARDS IDENTIFICATION

No specific hazards are encountered under normal product use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of GB13690-1992 and corresponding classification:
about 20% xylene
CAS NO.001330-20-7
15% N- butanol
CAS NO.000071-36-3

4. FIRST AID MEASURES

Contact with skin:
Wash with plenty of water and soap.
Contact with eyes:
Wash immediately with water for at least 10 minutes.
Swallowing:
Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.
A suspension of activated charcoal in water, or liquid paraffin may be administered.
Inhalation:
Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

5. FIRE-FIGHTING MEASURES

Recommended extinguishers:
CO₂, Foam, Chemical powders, according to the materials involved in the fire.
Extinguishers not to be used:
None in particular.
Risks arising from combustion:
Avoid inhaling the fumes.
Protective equipment:
Use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:
Use gloves and protective clothing.
Environmental measures:
Limit leakages with earth or sand.

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If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:

If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions:

Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.

Do not eat or drink while working.

Incompatible materials:

None in particular.

Storage conditions:

Instructions as regards storage premises:

Adequately ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Use adequate protective respiratory equipment, e.g. CEN/FFP-2(S) or CEN/FFP-3(S).

Protection for hands:

Not needed for normal use.

Eye protection:

Use close fitting safety goggles and/or visor conforming to BS 2092 GRADE 1).

Protection for skin:

No special precaution must be adopted for normal use.

Exposure limit(s) (ACGIH):

xylene

100mg/m³

N-butanol

200 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: liquid viscous yellow

Odour: characteristic

Flash point: 28°C

Solubility: not soluble in water

10. STABILITY AND REACTIVITY

Conditions to avoid:

Stable under normal conditions.

Substances to avoid:

None in particular.

Hazardous decomposition products:

Carbon monoxide Carbon dioxide.

11. TOXICOLOGICAL INFORMATION

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

Set out below is the toxicological information relating to the main substances in the preparation.

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xylene
LD50 (WHITE RAT) ORAL: 4.3 G/KG, LD50 (WHITE RAT) INHALATION 4h:5000-6700ppm
N-butanol
LD50 (WHITE RAT) ORAL: 0.79 G/KG, LD50 (WHITE RAT) INHALATION 4h:8000ppm

Harmful by inhalation and in contact with skin
Vapours may cause drowsiness and dizziness.
Irritating to eyes and skin.
Irritating to respiratory system.

12. ECOLOGICAL INFORMATION

none

13. DISPOSAL CONSIDERATIONS

Recover if possible. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

dangerous substances code: 33646
UN code: 1263
Packaging symbols: flammability
Packaging Classification: III
Packaging method: covered steel drum
Transport note: avoid insolation.transport according to planned way.

15. REGULATORY INFORMATION

Safety and Managing Regulation of Dangerous Chemicals in China
Symbols of Dangerous Substances and Corresponding Classification(GB 13690-1992):Type
3.3
High flash point and flammability liquid.

16. OTHER INFORMATION

Main bibliographic sources:
Dangerous Chemicals Safety Data-zhouguotai-Chemical Industrial Press-1997