

MATERIAL SAFETY DATA SHEET

PRODUCT NAME
BPL EPOXY FINISH PAINT

Manufacturer
BOMBAY PAINTS LIMITED
B.D.PATIL MARG
CHEMBUR, MUMBAI 400074

PRODUCT TYPE
EPOXY POLYAMIDE

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AREA OF USE:
ON STEEL / METAL

Contact person:
Safety Officer

DECLARATION OF CONTENTS

1. Solvents, other volatile compounds of importance for Safety, Health & Water

Xylene
Butanol

2. Pigments and Extenders of importance for Safety & Health

Titanium Dioxide
Colour Pigment
Extenders

3. Binders, Plasticisers and other film formers

Epoxy Resin
Polyamide Resin

PHYSICAL DATA

Flash point : 26°C
Volatile solvent : 45 ± 2 %
Ventilation requirement (M 3/Lt) : 1200

HEALTH HAZARDS

The health hazards associated with the product are mainly due to the content of Organic Solvents:

GENERAL :

During application and drying, the product will release solvent vapours. When painting on large areas or when working in poorly ventilated rooms, harmful concentrations of solvent vapours may be reached and ventilation, spot exhaustion or personal protection equipments are required. Wash contaminated skin immediately.

INHALATION :

Inhalation of vapours and spray mist may cause headaches, fatigue, nausea and vertigo. Larger concentrations may induce unconsciousness and may be harmful to the liver and kidneys. The effects of prolonged and repeated exposure to high concentration are irritability, somnolence, inappetance and irreversible effects on the nervous system.

Avoid inhalation of spray mist as the mist contains all the components of the paint.

SKIN : Degreasing of skin. Prolonged contact may cause irritation and redness.

EYES : Splashes in the eyes causes irritation.

INGESTION : Accidental swallowing may cause vomiting and abdominal pain. Introduction into the lungs by vomiting may induce pneumonia.

FIRST AID MEASURES

Generally, in case of doubt, seek medical advice.

BY ACCIDENT

Contact a doctor or hospital, bring the label or this safety data sheet with the patient

INHALATION

Move the patient into fresh air and keep the patient under surveillance.

If the patient is unconscious and not breathing, administer artificial respiration. If the patient is breathing, place them in the unconscious position and keep warm by wrapping. Send for a doctor or an ambulance immediately.

EYES

Flush immediately with water for at least 10 minutes. Keep the eye wide open. If necessary, seek medical attention.

SKIN

Remove contaminated clothing immediately and wash contaminated skin with soap and water. Skin cleanser may be used. Never use thinner or solvent as these degreases the skin.

SWALLOWING

Do not provoke vomiting. If vomiting occurs, keep the patient's head low to prevent vomit from entering the lungs.

FIRE & EXPLOSION HAZARDS

The product is flammable. The solvent vapours which are released may be ignited by sparks, hot surfaces, glowing cigarettes, etc. Vapours are heavier than air and will spread along floors and bottoms of containers. The vapours may form explosive mixtures with air.

PRECAUTION FOR USE

Preparation and cleaning :
Avoid inhalation of solvent vapours and skin contact.

APPLICATION

The work must be organised in such a way that inhalation of vapours and spray mist and also contact with skin are minimised.

DRYING AND CURING :

During drying, solvent vapours are released. Provide adequate ventilation.

WELDING, BURNING AND Heavy metals like lead :) Absent
SANDING, THE DRY FILM CONTAINS :Chlorine compounds :) Absent
Nitrogen compounds :) Absent
ZincCompounds :) Absent

Fumes, vapours and dust have to be removed from the breathing zone. Always avoid inhalation of slip.

PRECAUTIONS IN CASE OF ACCIDENTS

FIRST AID

Inhalation : Bring the patient into fresh air. In mild cases of indisposition, supervise the patient. If necessary, seek medical advice . In severe cases, if necessary, administer artificial respiration. Place the unconscious patient in the unconscious position and keep warm. Send for the doctor or ambulance immediately.

SKIN : Remove contaminated clothing immediately and wash contaminated skin with soap and water.

EYES : Flush immediately with water for atleast five minutes. Open eyes wide.

INGESTION : Do not induce vomiting. If vomiting occurs, keep the patient's head - low to prevent the stomach contents from entering into the lungs. Send for the doctor or ambulance.

BURNS : Flush with water till the pain ceases. While flushing, remove clothing from the affected area unless it is burnt into the skin. If hospital treatment is necessary, flushing must continue during transfer and until the hospital staff take charge of the treatment..

FIRE :

EXTINGUISHING MEDIA : CO₂, dry chemical, foam, halon or water mist. **Do not** use water jet which will spread the liquid paint & fire.

SPILLAGE : Remove all sources of ignition. Avoid inhalation of vapours. Clean up with absorbant material or sand.

PRECAUTIONS FOR STORAGE

Comply with State Fire Inspectorate's directives for flammable liquids.

OTHER

As the users' working conditions are beyond our knowledge and control, our advice cannot be regarded as complete. It is always the responsibility of the user to take all necessary steps in order to fulfil the demands laid down in the Rules and Regulations.

The informations and recommendations provided are believed to be accurate as of this date. We however make no warranty with respect to responsibility or liability pertaining to this information.

ISSUED : AUGUST 2006.