

APFLOOR EP 15 MSDS

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: APFLOOR EP 15.

FAMILY: polyamido-amine based, two component (Resin and Hardner)

NAME: APFLOOR EP 15.

FORMULA: Not applicable.

MANUFACTURER: FLOORICKS CHEMICALS

PVT. LTD.

EMERGENCY TELEPHONE NUMBERS: **8087111165**.

2. HAZARDS IDENTIFICATION EMERGENCY OVERVIEW WARNING

Not Classified as Hazardous.

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS:

POLYALCHOLIC EMULSION IN WATER

4. FIRST AID MEASURES

Inhalation :Remove From Exposure – Unlikely to occur because of the low volatility of the product
If someone is affected seek medical advice.

Skin Contact :Wash with soap and plenty of water or asuitable skin cleanser as soon as possible.
Remove any contaminated clothing and launder before re-use.
Seek medical advice in cases of skin reaction.

Eye Contact :Hold eyelids apart andimmediately flush with plenty of water for at least 15 minitus.
If irritation persists,seek medical advice.

Ingestion : Wash out mouth with water.If any has been swallowed seek medical advice.

5. FIRE FIGHTING MEASURES

This is aqueous emulsion and will not burn in the wet state.However in a fire the water could evaporate and the solids will burn.

Suitable Extinguishing Media :water spray, carbon dioxide(CO_2),foam,dry powder.

Un-Suitable Extinguishing Media :High volume water jet.

Special exposure hazards :Burning products carbon oxides,oxides of nitrogen and trace of
Hydrogen cyanide

Special Protective Equipment :Wear self-contained breathing apparatus and protective suit.

Additional Information :None.

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6. ACCIDENTAL RELEASE MEASURES SPILL OR LEAK PROCEDURES

Warm, soapy water or non-flammable, safe solvent may be used to clean residual.

7. HANDLING AND STORAGE STORAGE TEMPERATURE (min./max.): 40°F (5°C) / 150°F (65°C)

STORAGE: Store in cool, dry place. Store in tightly sealed containers to prevent moisture absorption and loss of volatiles. Excessive heat over long periods of time will degrade the resin.

HANDLING PRECAUTIONS: Wash thoroughly after handling. Launder contaminated clothing before reuse.

Precautionary steps should be taken when curing product in large quantities. When mixed with epoxy curing agents this product causes an exothermic, which in large masses, can produce enough heat to damage or ignite surrounding materials and emit fumes and vapors that vary widely in composition.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION EYE PROTECTION GUIDELINES:

Safety glasses with side shields or chemical splash goggles.

SKIN PROTECTION GUIDELINES: Wear liquid-proof, chemical resistant gloves (nitrile-butyl rubber, neoprene, butyl rubber or natural rubber) and full body-covering clothing.

RESPIRATORY/VENTILATION GUIDELINES: Good room ventilation is usually adequate for most operations.

ADDITIONAL PROTECTIVE MEASURES: Practice good caution and personal cleanliness to avoid skin and eye contact. Avoid skin contact when removing gloves and other protective equipment. Wash thoroughly after handling. Generally speaking, working cleanly and following basic precautionary measures will greatly minimize the potential for harmful exposure to this product under normal use conditions.

OCCUPATIONAL EXPOSURE LIMITS: Not established for product as whole.

9. PHYSICAL AND CHEMICAL PROPERTIES PHYSICAL

FORM: Liquid.

ODOR: Odorless.

BOILING POINT: 550°F

FLASH POINT : 428°F

MELTING POINT/FREEZE POINT: No data.

PH: no data

SOLUBILITY IN WATER: Insoluble, react to produce carbon dioxide and polyurea solid.

10. STABILITY AND REACTIVITY STABILITY:

Material is stable when stored and handles correctly.

When the base is mixed with the hardener an exothermic reaction starts (i.e. heat is generated)

If the mix is not applied within 20-30 minutes some smoking may occur.

Conditions to avoid

Avoid high temperatures. Do not allow to freeze.

Materials to avoid

Exothermic reaction with amines, alcohols, bases and acids.

Hazardous decomposition products

No hazardous decomposition products when stored and handles correctly.

Thermal decomposition - polymerises at >300°C with evolution of carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Skin – Prolonged Contact with the skin may cause tanning and irritant effects.

Irritation – Over Exposure, especially when spraying without the necessary precautions, entails the risk of concentration dependant irritating effects on eyes, nose, throat and respiratory tract.

12. ECOLOGICAL INFORMATION

Ecotoxicity – Observed ecotoxicity to fish, bacteria and invertebrates is low/very low to worms and plants is very low

Mobility - React with water to produce carbon dioxide and polyurea solids.

Persistence and degradability - In Air the predominant degradation process is predicted to be a relatively rapid OH

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13. DISPOSAL CONSIDERATIONS:

WASTE DISPOSAL METHOD: Evaluation of this product using RCRA criteria shows that it is not a hazardous waste, either by listing or characteristics, in its purchased form. It is the responsibility of the user to determine proper disposal methods.

14. TRANSPORTATION INFORMATION

DOT Non-Bulk SHIPPING NAME: Not regulated.

TECHNICAL SHIPPING NAME: Not applicable.

HAZARD CLASS: Not applicable.

NUMBER: Not applicable.

PACKING GROUP: Not applicable.

IMDG SHIPPING NAME: liquid, n.o.s.

TECHNICAL SHIPPING NAME: Triflor PUC SC

MARINE POLLUTANT: Yes

15. REGULATORY INFORMATION:

OSHA STATUS: NON IRRITANT

TSCA STATUS: All components are listed on TSCA inventory or otherwise comply with TSCA requirements

16. OTHER INFORMATION:

PREPARED BY: TRI POLARCON PVT LTD

APPROVED BY: TRI POLARCON PVT LTD

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