

MATERIAL SAFETY DATA SHEET Page 1 of 4

MACLEODS PAINTS P/L

Issued July 2009

STATEMENT OF HAZARDOUS NATURE
HAZARDOUS ACCORDING TO WORKSAFE CRITERIA

EPOXY PRIMER BASE 'A'

IDENTIFICATION

PRODUCT NAME Epoxy primer "a" RESIN

OTHER NAMES none

UN NUMBER 1263

DG CLASS 3.2

PACKING GROUP 3

HAZCHEM CODE 3 (Y) E

POISON SCHEDULE S5

CHEMICAL FAMILY- Epoxy Primer A is an epoxy resin base which is part of a two part solvent based coating. This material when mixed with part B in the 4:1 ratio of A to B by volume may be applied by roller, brush or spray. Being a primer coating for properly prepared concrete, steel and masonry. It is suitable for food processing plants, factories and swimming pools.

PHYSICAL APPEARANCE

APPEARANCE A viscous flammable clear liquid with a strong odour.

MELTING POINT Liquid at normal temperatures

BOILING POINT 145- 170C

FLASHPOINT 28 C

SPECIFIC GRAVITY 1.16

SOLUBILITY IN WATER not soluble

CORROSIVE not corrosive

INGREDIENTS

| | |
|-------------------------|-----------|
| Epoxy resin | 30 – 60% |
| Xylene | 10 – 30% |
| Methyl iso Butyl Ketone | <10% |
| Ethylene glycol mono | <10% |
| Butyl ether | <10% |
| Solvesso 150 | <10 – 30% |

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Hazardous according to Worksafe Criteria

HEALTH DATA

No specific data is available for this product for chronic exposure symptoms. The ingredients are not listed as carcinogenic in Worksafe's document "Exposure Standards for Atmospheric Contaminates in the Occupational Environment 1995" This material contains atleast one ingredient classified by the manufacturer as a potential skin sensitiser. Exposure to a sensitiser, once sensitisation has occurred, may manifest itself as a skin rash or inflammation.

ACUTE AFFECTS

Swallowed – Maybe harmful if swallowed. Highly toxic, may cause irritation to mouth, throat and stomach.

Eyes – This product is irritating to the eyes. It will cause discomfort such as stinging pain, watering and redness of the eyes. Effects may last after exposure has ceased. High concentrations of vapour will cause irritation

Skin- This product is irritating to skin. It is likely to cause discomfort and effects such as moderate to server itchiness, blistering and skin reddening. Tests have shown this product to be a skin sensitiser.

Inhalation – Data indicates that this product may be irritating if inhaled. May lead to minor discomfort, which should quickly disappear once exposure has ceased.

FIRST AID

Safety deluge showers should be provided where this product is being used.

If poisoning occurs contact a Doctor or Poisons Information Centre

If swallowed do NOT induce vomiting. Give glass of water.

Eyes – If the product comes in contact with the eyes, hold open and wash with running water for at least 15 minutes. Seek medical advice

Skin – If product gets on skin, immediately remove contaminated clothing and wash skin with soap and water. If irritation persists seek medical attention.

Inhalation – No first aid measures normally required. However, if mists or dust has been inhaled, and irritation has developed, remove to fresh air and observe. If after 30 minutes, irritation continues seek medical advice.

Advice to Doctor- Treat symptomatically. However note the sensitive nature of this product, observe for signs of sensitisation.

Epoxy Primer A

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Hazardous according to Worksafe Criteria

PRECAUTIONS FOR USE

May cause sensitisation by skin contact. Irritating to eyes and skin

Exposure standards

There is a blanket limit of 10mg/m³ for dusts or mists for this product. The nature of this product makes it unlikely that this level will be approached in normal use.

Personal protection

Respiratory – If this product is being used in dusty or confined conditions, use of a mask or respirator may be preferred.

Skin protection- impermeable protective gloves should be worn when using this product. Failure to do so may lead to skin irritation.

Eye protection – Protective eyewear should be worn when using this product, eye contact may prove painful and dangerous and should be avoided.

Clothing- This product is essentially safe without special protective clothing.

However its use is recommended as a good industrial practice.

Safety boots- Wearing safety boots in industrial situations is advisory.

Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and protective equipment before re using.

Spills and Disposal

Prevent contamination of drains and watercourses. Clean up spills with sand, vermiculite or similar material and dispose of in approved landfill.

FIRE HAZARD

Fire hazard and decomposes on heat emitting toxic and noxious fumes.

Use dry chemical powder , CO₂ or foam, use water jet to keep containers cool and evacuate immediate area. Fire-fighters to wear self contained breathing apparatus if risk of exposure to products of decomposition. Vapours are heavier than air and may travel along the ground, gathering in depressions, risking oxygen deficiency.

WORKSAFE CLASSIFICATION

HAZARD CATEGORY

Epoxy Primer A is classified as hazardous

RISK PHRASES

Highly flammable

Harmful by inhalation and contact with skin

Irritating to eyes, respiratory tract and skin

SAFETY PHRASES

Keep away from heat and sources of ignitions – no smoking

Do not breath vapours or spray mist

Avoid contact with skin and eyes

Wear suitable protective clothing , gloves and eye/ face protection

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HAZARDOUS ACCORDING TO WORKSAFE CRITERIA

ENVIRONMENT

May be hazardous to the environment. Avoid contaminating waterways and sewage. Do not empty into drains.

This MSDS summarises our best knowledge of the health and safety hazard information of this product and how to safely handle and use of this product in the workplace. It is believed to be correct at time of printing.

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