



SAFETY DATA SHEET

EPOXY PUTTY (PART A)

EPO100EP®

Date of Issue: 09/03/2018

(Valid 5 Years)

Revision: 17

IDENTIFICATION

Chemical Name: Epoxy Putty Part A **Packing Group:** Not Scheduled
Product Use: Adhesive for civil engineering use, concrete repair etc.
Primary Supplier: ALL PURPOSE COATINGS PTY LTD

HAZARD IDENTIFICATION

Xi Irritant Risk Phrases:

R36/38 Irritating to skin and eyes. R43 May cause sensitisation by skin contact.

D.G. Class: Not classified as dangerous goods

Subsidiary Risk: Nil

Poison Schedule: S5 This product is a Schedule Poison S5 and must be stored, maintained and used in accordance with the relevant regulation.

COMPOSITION AND INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Hazard Codes
Bisphenol A Epoxy Resin	25068-38-6	>25	
Aliphatic Glycidyl Ether	68609-97-2	<5	
Ceramic Filler	14808-60-7	55	
Other ingredients determined not to be hazardous	-	To 100%	-

FIRST AID MEASURES

Poison Information Centres in each State capital can provide additional assistance for scheduled poisons. (Phone Australia 131 126)

Inhalation: Remove victim from exposure to fresh air. If breathing difficulty, apply artificial respiration and seek medical attention.

Skin Contact: Remove contaminated clothing and footwear. Wash skin thoroughly with water. If swelling, redness, blistering or irritation occurs seek medical attention.

Eye Contact: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical assistance.

Ingestion: If swallowed do not induce vomiting. Rinse mouth with water, give glass of water and seek medical attention.

Note to Doctor: Treat patient symptomatically.

FIRE FIGHTING MEASURES

Extinguishing media: Water, Foam, Dry chemical powder, Carbon dioxide.

Specific Hazards: The material is stable under normal conditions. Hazardous polymerisation can occur on heating. On decomposition gives off carbon dioxide, carbon monoxide and other gases. Incompatible with alkalis, acids and strong oxidizers.

Fire Fighters: Wear positive pressure, self-contained breathing apparatus and full protective clothing.



ACCIDENTAL RELEASE MEASURES

Small Spills: Shut off all possible ignition sources. Wear protective equipment to prevent skin and eye contamination. Clean with absorbent material like sand, soil, vermiculite or any other inert material. Avoid contamination of drains, sewerage and waterways. Collect and seal in properly labelled containers for disposal as per local council statutory codes.

Large Spills: Shut off all possible ignition sources. Wear protective equipment to prevent skin and eye contamination. Clean with absorbent material like sand, soil, vermiculite or any other inert material. Avoid contamination of drains, sewerage and waterways. Collect and seal in properly labelled containers for disposal as per local council statutory codes. If contamination of crops, waterways, drains or sewerage has occurred, advise Emergency Services or State Department of Agriculture.

HANDLING AND STORAGE

Storage: Store in the closed, original container in a cool ventilated area. Keep containers tightly closed when not in use. Keep away from explosives, food, oxidising agents and organic peroxides. This product is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits: No value assigned for this specific product by the National Occupational and Safety Commission (Worksafe Australia).

Eng. Controls: Special ventilation is not normally required due to the low volatility of the product at normal temperature. However, in the operation of certain equipment or at elevated temperatures, mists or vapours may be generated and exhaust ventilation should be provided to maintain airborne concentration levels below the exposure standards or where no exposure standard is allocated, as low as reasonably practicable.

Personal Protection: Use overalls, safety shoes, safety goggles, rubber or chemical resistance gloves and respirator if required. Avoid skin and eye contact and the inhalation of vapour. Wear overalls, Packaging & safety goggles and impervious gloves. Available information suggests that the gloves made from PVC should be suitable for intermittent contact. However due to variations in glove construction and local conditions, the final assessment should be made by the user. If inhalation risk exists, wear organic vapour respirator meeting requirements of AS/NZS 1715 and 1716. Always wash hands with soap and water before smoking, eating, drinking or using toilet facilities. Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing. Avoid contact with eyes and skin. Do not inhale mist or vapours. After each day's use, wash gloves, safety goggles and all the contaminated clothing.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light / Grey Paste
Solubility:	Insoluble in water
Specific Gravity:	1.45 - 1.50
Boiling Point:	More than 200 Deg.C Rel.Vapour Density (air=1): > 1
Melting Range:	Not established
Vapour Pressure (20 Deg.C):	Less than 0.01 Pa
Decomposition Temp. (Deg. C):	More than 200 deg. C
Flash Point (Deg.C):	More than 200 deg. C (ASTM D 93)
Flammability Limits (%):	Not established
Auto ignition Temp. (Deg.C):	Not established
% Volatile by Volume:	Nil (All above values are Typical Values only)

STABILITY AND REACTIVITY STABILITY

The product is stable under normal conditions and use.

TOXICOLOGICAL INFORMATION

No adverse health effects are expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

Acute Effects:

Ingestion: Harmful if swallowed. May cause gastrointestinal discomfort and irritation.

Eye: Brief contact may cause mild irritation to eyes.

Skin: Mild irritant and poorly absorbed through the skin. Prolonged and repeated contact may cause severe irritation and/or dermatitis.

Inhaled: Not hazardous at ambient temperatures. Vapours generated at elevated temperatures or when inhaled repeatedly may cause irritation to nose, throat and respiratory tract.

Long Term Effects: Repeated skin contact and inhalation may result in sensitisation in some individuals. May cause allergic reaction, dermatitis or asthma like symptoms. Follow good working practice. Avoid ingestion, inhalation, eye and skin contact. Wash hands with soap and water before eating, drinking, smoking or using toilet facilities. Acute & Chronic Negative in a battery of mutagenicity assays.

Toxicity: No evidence of carcinogenicity was observed in long term studies of rats. No developmental nor reproductive effects in rat and rabbit. Acceptable Daily Intake (ADI) for humans is 0.01 mg/kg/day.

ECOLOGICAL INFORMATION

Avoid contamination of drains, sewerage, creeks and waterways. Not toxic to aquatic organisms.

DISPOSAL CONSIDERATION

Dispose all empty containers as per State & Council Regulation. Do not dispose near waterways, vegetation and tree roots. Empty containers and product should not be burned.

TRANSPORT INFORMATION

UN. No.: Not Allocated

Shipping Name: Not Applicable for road, marine and air transport this product is not classified as dangerous goods within the context of National and International Transport Regulation.

REGULATORY INFORMATION

The National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 10005 (1999)]. The National Standard for the Storage and Handling of Workplace Dangerous Goods [NOHSC: 1015 (2001)].



IMPORTANT NOTICE: Read the SDS and TDS carefully prior to the use of any product. Application, performance & safety data may change from time to time. In emergency, contact the Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice. **IF THE SITUATION IS LIFE THREATENING, DIAL 000.**

PRODUCT DISCLAIMER: Read the SDS & TDS carefully before use of any product. These documents contain information in context to how you will apply the product, including if it is being used in conjunction with any other products, the type of surfaces and the manner in which the product will be applied. All Purpose Coatings Pty Ltd does not accept any liability either directly or indirectly for any losses that arise from the use or application of the product in accordance with any advice, specification, recommendation or information given by All Purpose Coatings Pty Ltd.