

Permatex Europe
Unit 3, Express Park,
Shipton Way, Northampton Road,
Rushden, Northamptonshire
NN10 6GK UK
Ph: 0870 4589545

SAFETY DATA SHEET
according to REACH regulation 1907/2006

1. IDENTIFICATION OF THE PREPARATION

Identification of the preparation: MB-1 MUFFLER & TAILPIPE BANDAGE KT CG
Item No: 80331
Recommended use: Impregnated bandage

2. HAZARDS IDENTIFICATION

Classification: Xi - Irritant, N - Dangerous for the environment
Most Important Hazards: Irritating to eyes and skin. May cause allergic skin reaction. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	EC Number	EU Classification
FIBERGLASS Mixture	55-65	Not determined	None
BISPHENOL A/EPICHLOROHYDRIN BASED EPOXY RESIN 25068-38-6	30-40	500-033-5	Xi; R36/38 R43 N; R51-53
METHYL ETHYL KETONE 78-93-3	<2	201-159-0	F;R11 R66 R67 Xi;R36

4. FIRST-AID MEASURES

General advice: If you feel unwell, seek medical advice (show the label where possible).
Inhalation: Move to fresh air in case of accidental inhalation of vapours.
Skin Contact: Wash with soap and water. If skin irritation persists, call a physician.
Eye Contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion: If swallowed, seek medical advice immediately and show this container or label.
Protection of first-aiders: Avoid contact with skin, eyes and clothing.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical, foam
Extinguishing media which must not be used for safety reasons: None reasonably foreseeable.
Special instructions for protection and hygiene: During a fire, irritating and toxic gases may be generated during combustion or decomposition.
Special protective equipment for firefighters: Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** For additional information on processing see sections 7, 8 and 11 of this safety data sheet.
- Environmental Precautions:** Do not flush into surface water or sanitary sewer system.
- Cleanup:** Scrape up. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

- Handling precautions:** Avoid contact with eyes. Wash hands before breaks and immediately after handling the product.
- Storage:** Store in cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component	ACGIH; TLV-TWA	German MAK; TWA	UK WEL; TWA	Finnish OEL; HTP
FIBERGLASS Mixture	Not listed	Not listed	Not listed	Not listed
BISPHENOL A/EPICHLOROHYDRIN BASED EPOXY RESIN 25068-38-6	Not listed	Not listed	Not listed	Not listed
METHYL ETHYL KETONE 78-93-3	200 ppm TWA ACGIH	200 ppm; 600 mg/m ³	Not listed	Not listed

- Ventilation:** Provide adequate ventilation .
- Respiratory Protection:** Not required under normal use. In case of insufficient ventilation, wear suitable respiratory equipment.
- Skin:** Neoprene or nitrile gloves recommended.
- Eyes:** Safety glasses
- Hygiene Measures:** When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Yellow bandage
- Odor:** Ketone odor
- pH:** Does not apply
- Boiling point/range:** Not applicable
- Melting point:** Not determined
- Flash point:** None
- Risk of explosion:** None reasonably foreseeable.
- Vapor pressure:** Not determined
- Density:** Does not apply
- Solubility in water:** Insoluble
- Partition coefficient (n-octanol/water):** Not determined
- Vapor density:** Not determined
- Evaporation Rate:** Does not apply
- VOC Content(%):** <2%

10. STABILITY/REACTIVITY

- Stability:** Stable at normal conditions.
- Conditions to Avoid:** Heat
- Materials to avoid:** Strong oxidizers, Reducing agents
- Hazardous decomposition products:** Carbon oxides, Ethyl methyl ketone

11. TOXICOLOGICAL INFORMATION

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat
BISPHENOL A/EPICHLOROHYDRIN BASED EPOXY RESIN 25068-38-6	30-40	11400 mg/kg	
METHYL ETHYL KETONE 78-93-3	<2	2737 mg/kg	23500 mg/m ³ /8H

Local Effects

Skin Irritation: May cause skin irritation and/or dermatitis. May cause allergic skin reaction.
Eye Irritation: Irritating, but will not permanently injure eye tissue.
Inhalation: Not hazardous by inhalation
Ingestion: Irritating to mouth, throat and stomach.
Sensitization: May cause sensitization of susceptible persons by skin contact.
Chronic toxicity: None reasonably foreseeable

Specific Effects

Carcinogenic effects: None reasonably foreseeable.
Mutagenic effects: None reasonably foreseeable.
Reproductive toxicity: None reasonably foreseeable
Target Organ Effects: Eyes, Skin, Respiratory System

12. ECOLOGICAL INFORMATION

Ecotoxicity: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Waste from Residues: According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

14. TRANSPORT INFORMATION

IATA

Proper Shipping Name: Not regulated
Hazard Class: Not applicable
UN/ID No: Not applicable

IMDG

Proper shipping name: Not applicable
Hazard Class: Not applicable
UN/ID No: Not applicable
Marine Pollutant: None

ADR/RID

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s (bisphenol)
Hazard Class: Class 9, PGIII
UN/ID No: UN 3082
ADR/RID: Limited Quantity; LQ7

15. REGULATORY INFORMATION

This product is classified in accordance with Annex VI to Directive 67/548/EEC

Contains epoxy constituents: See information supplied by the manufacturer.

Product Name: MB-1 MUFFLER & TAILPIPE BANDAGE
KT CG

Item No: 80331

Indication of Danger:

Xi - Irritant, N - Dangerous to the Environment

Names of the ingredients given on the warning label:

bisphenol

R -phrase(s):

R36/38 - Irritating to eyes and skin

R43 - May cause sensitization by skin contact

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S -phrase(s):

S 2 - Keep out of the reach of children

S24/25 - Avoid contact with skin and eyes

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S36 - Wear suitable protective clothing

S61 - Avoid release to the environment. Refer to special instructions/safety data sheets

16. OTHER INFORMATION

Risk Phrases mentioned in Section 2:

R11 - Highly flammable.

R36 - Irritating to eyes.

R43 - May cause sensitization by skin contact.

R66 - Repeated exposure may cause skin dryness or cracking.

R67 - Vapours may cause drowsiness and dizziness

R36/38 - Irritating to eyes and skin.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Prepared By: Denise Boyd, Manager-
Environmental, Health & Safety

Revision Date: February/03/2006

Company: Permatex. Inc. 10 Columbus
Blvd. Hartford, CT USA 06106

Revision Number: 2

Telephone: 877-376-2839