

Material Safety Data Sheet

SECTION 1: Identification of the substance/mixture and of the company

Product identifier

Product name: **BituPrufe Mastic**
Description: Bituminous based mastic
UN Number: 1263

Details of the company of the safety data sheet

Company : Permanite Industrial Products
Address : Unit 17c 4/8 Rana Road, Isipingo Rail
Telephone: 0319023227

Emergency Telephone Numbers

Emergency number : 082 653 5062
Working hours : 7am –16:30pm

SECTION 2: Hazards identification

Classification of the substance or mixture: Flammable liquid. Class 3

Main hazard: Harmful if inhaled or swallowed

SECTION 3: Composition/information on ingredients

Mixtures

Chemical name	CAS-No.	Weight %
Bitumen based compound	8052-42-4	<62
White Spirit liquid	64742-88-7	<10

SECTION 4: First aid measures

Description of first aid measures

Eyes - In case of eye contact:
Rinse thoroughly with plenty of water and seek medical advice.

Skin - In case of skin contact:
Wash contact areas with soap and water. Remove contaminated clothing.

Ingestion - In case of ingestion:
Do not induce vomiting. Call for a doctor immediately.

Inhalation In case of inhalation:
Remove the casualty to fresh air. Perform CPR if breathing is difficult

5. Fire Fighting measures (Extinguishing media)

Extinguishing media: Carbon dioxide, dry chemical powder, foam. Do not use water jets

Special hazards arising from the substance or mixture: Carbon monoxide smoke and fumes upon combustion. Containers can burst in a fire.

Advice for fire-fighters: Use breathing apparatus with independent air supply (isolated)

Product is flammable.

SECTION 6: Accidental release measures

Environmental precautions. Do not discharge into the drains/surfacewaters/groundwater or soil

Methods and material for containment and cleaning up.

Contain spilled product with sand or other suitable absorbent (sawdust) and remove mechanically into containers. Remove ignition sources and ensure adequate ventilation.

SECTION 7: Handling and storage

Precautions for safe handling: Avoid prolonged skin contact. Do not spray on naked flame. Practise good hygiene. Wash hands after use.

Conditions for safe storage and fire prevention:

To be stored in cool, dry and well ventilated conditions and away from heat sources/sparks etc.

SECTION 8: Exposure controls/personal protection

Control parameters

Use approved engineering/control mechanisms to limit OEL below 1200mg/m³

Individual protection measures

- Wear chemical protective clothing.
- Approved safety goggles.
- Use safety gloves of following materials: NBR (nitrile)
- Wear suitable respiratory equipment when necessary (respirator with cartridge).

SAPMA Risk Rating: 3 HE



SECTION 9: Physical and chemical properties

Physical state: Thick liquid/paste

Colour: Black/brownish black

Odour: Strong

Important health, safety and environmental information

Flash point: ±38°C

Density @ 20°C: ±1.2 kg/L

Additional information. The data are subject to usual tolerances

SECTION 10: Stability and reactivity

Chemical stability: Stable. No decomposition if product used as directed

Dangerous reactions: Avoid contact with strong oxidising agents/sparks/naked flames and static charge.

Hazardous decomposition: Could lead to carbon monoxide smoke and fumes given off

Earthing required: Yes

SECTION 11: Toxicological information

Not tested, however similar tested products reveal LD₅₀ (rat) >500mg/kg a day.

Product is a skin/eye and inhalation irritant

SECTION 12: Ecological information

Potentially toxic to aquatic life/soil.

Not biodegradable.

SECTION 13: Disposal considerations

Recommendations for the product: Dispose of in accordance with local federal laws and environmental control regulations

Recommendations for packaging: Do not pressurise, cut, weld, braze, solder, drill, grind or expose such containers to heat/flame/sparks/static or other sources of ignition. This could lead to possible explosion/injury or even death

SECTION 14: Transport information

Shipping Name: Paint product

UN Number: 1263

Identification: **Class 3F**

Packing group: **III**

SECTION 15: Regulatory information

Classified as **Dangerous and Irritant** under EU regulations

SAPMA RATING: 3 HE

SECTION 16: Other information

Static discharges should be guarded against.

Seek medical advice if any discomfort occurs.

Maybe fatal if swallowed or allowed to enter airway.

Disclaimer

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users

Prepared by: Permanite Industrial Products