

Material Safety Data Sheet

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

Product identifier

Product name : **Solutac**

Description: Solvent

UN Number: 1268

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: Colourless flammable solvent

Main hazard: May be harmful if inhaled or swallowed

SECTION 3: Composition/information on ingredients

Mixtures

Chemical name	CAS-No.	Weight %
Medium-aromatic petroleum solvent	64742-94-5	>15
Light-aliphatic petroleum solvent	64742-88-7	>85
Benzene	71-43-2	< 0.1

SECTION 4: First aid measures

Description of first aid measures

Eyes- In case of eye contact:

In case of contact with eyes 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:

In case of inhalation remove the casualty into fresh air. Perform CPR if breathing is difficult

SECTION 5: Fire Fighting measures (Extinguishing media)

Extinguishing media: Carbon dioxide, dry chemical powder, fog, foam. Use water spray only to keep exposed containers cool.

Special hazards arising from the substance or mixture: Carbon monoxide smoke and fumes upon combustion

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/surface waters/groundwater or soil

Methods and material for containment and cleaning up.

Contain spilled liquid with sand or other suitable absorbent (sawdust) and remove mechanically into containers. Use spark resistant utensils (plastic spade etc)

SECTION 7: Handling and storage

Precautions for safe handling: Avoid prolonged skin contact

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

Exposure limit TLV: 525mg/m³

Individual protection measures

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

SECTION 9: Physical and chemical properties

Physical state: liquid

Colour: colourless

Odour: aromatic

Important health, safety and environmental information

Flash point: <0°C

Density @ 20°C: 0.696 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

SECTION 11: Toxicological information

Not tested, however similar tested products reveal LD₅₀ (rat) >2000mg/kg a day.
LC₅₀ (rat) <20mg/L (4 hours), based on similar tested product

SECTION 12: Ecological information

Toxic to aquatic life. Readily biogradable.

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 PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

SECTION 14: Transport information

Identified as a **class 3F packing group III** liquid according to the following classifications:
CFR ADR IMDG IATA

UN:1268

SECTION 15: Regulatory information

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

SECTION 16: Other information

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 Product