



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCTS / IDENTIFICATION OF SUBSTANCE

PRODUCT NAME: OPTIMASTIC PU1K-40
PRODUCT CODE: Sealbond Optimastic PU1K-40
PRODUCT TYPE: Polyurethane – Bitumen Modified Liquid for Waterproofing

2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	PROPORTION
Aromatic Hydrocarbon	<10
Isocyanate	10-15
Polyether	<20
Bitumen	10-20
Diisocyanate	10-15
Calcium Oxide	5-10

3. HAZARDS IDENTIFICATION

Classification : Not Regulated
Risk Phrases : Not Classified
Statement of Hazardous/ dangerous nature: NON-HAZARDOUS SUBSTANCE.NON DANGEROUS

4. FIRST AID MEASURES

INHALATION : Take person out of the contaminated area. Remove patient to fresh air. Call a doctor immediately.

SKIN CONTACT : Wash in soap and water and rinse with water. Take off all contaminated clothing.

EYE CONTACT : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Never use solvent. If irritation continues, see an ophthalmologist.

INGESTION : Give lukewarm water to drink. Do not induce vomiting. Do not make the victim drink milk or fatty fluids. If swallowed, seek immediate advice and show container or label to the doctor.

PROTECTION OF FIRST AIDERS : Call a doctor in case of doubt or if symptoms persist. If unconscious, place in recovery position and seek medical advice.

**NOTE TO PHYSICIAN
OTHERS**

5. FIRE FIGHTING MEASURES

FLASH POINT	:	Non combustible
FLAMMABLE LIMIT	:	NA
LOWER	:	-
UPPER	:	-
EXTINGUISHING MEDIA	:	-

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear proper protective equipment.

PRECAUTIONS TO PROTECT THE ENVIRONMENT

Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.

METHODS FOR CLEANING UP

Determine the need to evacuate or Isolate the area according to your local emergency plan. Eliminate all possible sources of ignition. Very large spills should be contained by bundling, etc..procedures. Mop, wipe or soak up with absorbent material and place in a container with a lid. The spilled products produces as extremely slippery surface.

7. HANDLING AND STORAGE

ADVICE ON SAFE HANDLING

General ventilation is required. Local ventilation is required. Avoid skin and eye contact. Do not breathe vapour.

ADVICE ON STORAGE

Keep containers tightly closed and store in a dry and well ventilated area. **Do Not Open if material will not be used, material will cure and harden due to moisture.**

SPECIFIC USES

Refer to technical data sheet available on request

8. EXPOSURECONTROLS/ EMPLOYEE PROTECTION

ENGINEERING CONTROL : Use adequate ventilation to avoid high vapour Concentrations.

PERSONAL PROTECTION : Precaution should be taken to avoid skin or eye Contact or swallowing the product. When handling or Mixing the product, avoid inhaling vapour. Wear safety Glasses, chemical resistant apron and impervious gloves; e.g. PVC. Always wash hand before eating, drinking or visiting the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	:	Liquid
ODOUR	:	Medium Aromatic Scent
NON VOLATILE BY WT.	:	97%
SOLUBILITY IN WATER	:	Not Miscible
FREEZING POINT	:	-30°C
BOILING POINT	:	230°C
FLASH POINT	:	Non Flammable
EXPLOSIVE LIMITS	:	Non Explosive Material
VOC	:	>100g/L (VOC Compliant)

10. STABILITY AND REACTIVITY

Stability	:	Stable under normal usage conditions.
Conditions to avoid	:	None established
Materials to avoid	:	Can react with strong oxidizing agents
Storing	:	Strictly Do Not Open if material will not be used, material will start to cure.

11. TOXICOLOGICAL PROPERTIES

This product is not considered a carcinogen.

12. ECOLOGICAL INFORMATION

This material is not known as biodegradable.

13. DISPOSAL CONSIDERATIONS

Methods of Disposal

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

14. TRANSPORT INFORMATION

No special packaging requirements. Not classified as dangerous goods under the United Nations Recommendations.

15. REGULATIONS

Not classified as dangerous under current regulations.

16. OTHER INFORMATION

The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. Any suggestion and recommendations made are without guarantee and liability since conditions of use are beyond our control. Appropriate warning and safe handling procedures should be provided to all those who handle and use the product and no liability can be accepted for any loss, injury or damage resulting from its use.