



SAFETY DATA SHEET

1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION OF THE COMPANY / UNDERTAKING

Product Name: **NITOPROOF 600**
Application: Liquid Applied Waterproofing Membrane.
Company: **Fosroc Chemicals (India) Pvt. Ltd.**
Address: No.38,12th Cross, III floor, PSR, ID CBI Road,
Ganganagar North, Bangalore 560 032.
Telephone 080 – 23551500 Fax : 080 – 23551510

2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Urethane Prepolymer
Calcium carbonate & others
Hazardous Ingredient(s) Risk Phrases Other Information
TDI See section 313 CAS No.26471-62-5
Aromatic Naptha See section 313 CAS No.64742-95-6

3: HAZARDS IDENTIFICATION

Long term skin contact may cause health problems.,
Eye contact : Some components used in this material are reported to induce chemical burns in rabbit Eye studies; a similar degree of eye injury may develop after contact with human eyes.
Skin Absorption : Systemically toxic concentrations of this product will probably not be absorbed through human skin.
Ingestion : Irritation of chemical burns of the mouth, pharynx, esophagus and stomach can develop following ingestion.
Inhalation : Vapors can irritate eyes, nose and respiratory passages. Severe overexposure may induce respiratory sensitization with asthma like symptoms. Symptoms include chronic cough, tightness of chest with difficulty in breathing. These symptoms may be immediate or delayed up to several hours after exposure. There are reports that chronic exposures may result in permanent decreases in lung function.

4: FIRST AID MEASURES

Eyes : Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention if irritation persists.
Skin : Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.
Inhalation: Remove from exposure - unlikely to occur. Give artificial respiration. Seek medical advice.
Ingestion : Do NOT induce vomiting. Wash out mouth with water. Obtain medical attention.

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media : CO₂, Dry chemical, Foam, halogenated agents, water
Special Exposure Hazards : Wear self contained breathing apparatus.
Special Protective Equipment : None.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions : Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions : Prevent entry into drains, sewers and watercourses.
Decontamination Procedures : Soak up with inert absorbent or contain and remove by best available means. Gather into containers. Dispose of as waste.

7: HANDLING AND STORAGE

Handling: Avoid skin and eye contact. Avoid breathing vapours.

Storage: Store in cool, dry area. Protect from frost. Store in tightly sealed containers. Do not store in areas near to open flame spark or sources of ignition.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits : None assigned

Engineering Control Measures: No specific ventilation requirement noted.

Personal Protective Equipment: Avoid skin and eye contact. Wear impervious gloves (e.g. of PVC), in case of repeated or prolonged contact. Goggles.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Viscous Liquid.
Colour	: Black.
Odour	: Typical, mild aromatic.
Boiling Point/Range (°C)	: 180 – 230°C
Flash Point	: 45 °C
Autoflammability (°C)	: Not applicable.
Explosive Properties (%)	: Not applicable.
Oxidising Properties	: Not applicable.
Relative Density	: 1.5 to 1.55
Water Solubility	: Slightly soluble.

10: STABILITY AND REACTIVITY

Stability	: Stable under normal conditions
Conditions to Avoid	: Heat, high temperature, open flame, sparks and moisture. Contact with Incompatible materials in a closed system will cause liberation of carbon dioxide and buildup of pressure
Materials to Avoid	: This product will react with any material containing active hydrogens, such as water, alcohol, ammonia, amines, alkalies and acids.
Hazardous Decomposition	: Combustion products: carbon dioxide, carbon monoxide, nitrogen Products oxides, ammonia, trace amounts of hydrogen cyanide.

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components. Oral LD50, rat >2 g/kg.

Health Effects

On Eyes : Irritation.

On Skin : Unlikely to irritate on brief or occasional exposure.

By Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.

By Ingestion : Low order of acute toxicity. May cause nausea, vomiting and diarrhoea.

Chronic: Repeated and prolonged skin contact may lead to skin disorders.

12: ECOLOGICAL INFORMATION

Environmental Assessment	: When used and disposed of as intended, no adverse environmental effects are foreseen.
Mobility	: Mobile liquid. Emulsifiable in water.
Persistence and Degradability:	Not readily biodegradable.
Bio-accumulative Potential	: Not expected to be bio-accumulative.
Eco-toxicity	: Expected to be eco-toxic to fish/daphnia/algae.

13: DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

Unused Product: Dispose of through an authorised waste contractor to a licensed site. Do not empty into drains, sewers or water courses.

Used/Contaminated Product: As for Unused Product.

Packaging: May be steam cleaned and recycled.

14: TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.

15: REGULATORY INFORMATION

This product is NOT classified as dangerous for supply in the UK.

Hazard Label Data:

Safety Phrases: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Avoid contact with skin and eyes.

EC Directives: Dangerous Substances Directive 67/548/EEC and adaptations.

Dangerous Preparations Directive, 88/379/EEC.

Safety Data Sheets Directive, 91/155/EEC.

Statutory Instruments: Chemicals (Hazard Information and Packaging) Regs. 1996 (SI 1746).

Control of Substances Hazardous to Health Regs. 1994 (SI 1657).

Environmental Protection (Duty of Care) Regs. 1991 (SI 2839)

Codes of Practice: Waste Management. The Duty of Care.

Guidance Notes:

The above publications are available from HMSO.

16. OTHER INFORMATION

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from Fosroc India.

If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken. This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

Further copies of this Safety Data Sheet may be obtained from Fosroc India.