

1. PRODUCT & COMPANY IDENTIFICATION

- **Product Detail:**

Product name: BONDCRETE-30

Physical form: Liquid

Odour: Slight/faint

Colour: Milky White

- **Company Details:**

Manufacturer: Highbond Coatings Pvt Ltd

Address: Sr. No. 70/2B/1, Flat No 101 & 102,
Purushottam Villa, Vadgaon Bk, Pune – 411041

Tel: +91 9370953995

Email: info@highbondcoatings.com

2. HAZARDS IDENTIFICATION

No Significant Hazard

Inhalation: May cause irritation to the respiratory tract, with symptoms of Bronchitis.

Ingestion: May cause abdominal cramps, nausea, vomiting, Diarrhea.

Skin Contact: Slightly irritating.

Eye Contact: May cause irritation.

3. COMPOSITION/ HAZARDOUS COMPONENTS

Chemical description: Mixtures

Chemical Name	CAS No.	WT%
Acrylic Polymer	9003-55-8	68-78 %
Additives	Trade secret	1 - 2 %
Water	7732-18-5	20 -30 %

4. FIRST-AID MEASURES

Take off all contaminated clothing immediately.

In case of inhalation: Supply fresh air and to be sure call for a doctor.

In case of ingestion: Do not induce vomiting. Seek medical advice immediately.

In case of skin contact: Wipe with paper towel and immediately clean with water and soap.

In case of eyes contact: Immediately flush with water, seek medical advice if necessary.

Indication of any immediate attention and special treatment needed:

No further relevant information available.

5. FIRE FIGHTING MEASURES

Extinguishing Media: None, Product will not burn.

Special Fire Fighting procedures: None

Unusual Fire & Explosion Hazards: None

6. ACCIDENTAL RELEASE MEASURES / SPILLS AND LEAKS

Steps to be taken in case material is released or spilled: Dilute with water and absorb with mop or dry material and place in an appropriate waste disposal container.

7. HANDLING AND STORAGE

- **Storage:** Keep in tightly closed container in cool dry area from all sources of ignition.
- **Other Precautions:** Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

8. EXPOSURE CONTROL /PERSONAL PROTECTION

Engineering controls: Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal Protective Equipment: This product is not classified as hazardous, so PPE is not normally essential. However, it is generally recommended that contact with any chemical be kept to a minimum. Following is a guide to suggested PPE that may be utilised for handling this product.

Respiratory protection: Not normally applicable. Avoid mists.

Glove type (AS2161): Impervious gloves (PVC) or suitable barrier cream recommended.

Eye protection: Wear safety glasses, which comply with local standards.

Clothing: Cotton clothes as suitable.

Others: Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

PROPERTISE	RESULT
Appearance	Free Flowing white liquid dries to a colourless coating
Odour	Slight/faint
Specific Gravity @ 27°C	1.01
Solid Contents	30 ± 2 %
PH	>7
Water Solubility	Miscible

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Temperatures below 0°C and above 60 o C.

Incompatibility/Materials to avoid: Oxidising agents, strong acids, alkalis, Halogens

Hazardous Decomposition Products: Thermal decomposition: Sulphur compounds

Hazardous Polymerisation: Will not occur

11. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components. Oral LD50, rat >5g/kg

Health Effects

On Eyes: May cause transient irritation.

On Skin: Prolonged /repeated skin contact may cause mild irritation.

By Inhalation: Not expected to be acutely toxic. Low volatility makes inhalation unlikely at ambient temperatures.

By Ingestion: Not expected to be acutely toxic. May cause irritation of mouth, throat and digestive tract.

Chronic: None known.

12. ECOLOGICAL INFORMATION

Environmental Assessment: When used and disposed of as intended, no adverse environmental effects are foreseen.

Mobility: Mobile liquid. Soluble in water.

Persistence and Degradability: Expected to be degradable very slowly.

Bio-accumulative Potential: Not expected to be bio-accumulative.

Ecotoxicity: Expected to be non- ecotoxic to fish/daphnia/algae.

13. REGULATORY INFORMATION

Risk Phrase: R36/37/38

Safety Phrase: S36/37/38

Poisons Schedule: N/A

Hazard Category: None

Classification: Non-hazardous

14. OTHER INFORMATION

Recommended uses and restrictions: If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

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