

1. PRODUCT & COMPANY IDENTIFICATION

- **Product Detail:**

Product name: HIGHSEAL PS SEALANT

Physical form: Homogeneous smooth paste

Odour: characteristic

Colour: Grey

CAS No.:

- **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

Classification of the substance or mixture GHS

Classification:

Acute toxicity, Inhalative, Category
(H332)

Skin irritation, Category 2 (H315)

Eye irritation, Category 2 (H319)

Sensitization of the respiratory airways, Category 1 (H334)

Sensitization of the skin, Category 1 (H317) Carcinogenicity,
Category 2 (H351)

Specific target organ toxicity (single exposure),
Category 3 (H335)

Specific target organ toxicity (repeated exposure), Category 2
(H373)

2.2 Label elements

GHS-Labeling



Signal word

Danger

Uncured product

Hazard statements:

H222 - Extremely flammable aerosol

H229 - Pressurised container: May burst if heated H317 - May cause an allergic skin reaction H336 -

May cause drowsiness or dizziness H350 - May cause cancer

H372 - Causes damage to organs through prolonged or repeated exposure H411 - Toxic to aquatic life with long lasting effects.

3. COMPOSITION/HAZARDOUS COMPONENTS

INGREDIENTS	CAS No.	CONCENTRATION (%)
Marceptane base Polysulphide Polymer	NA	20-22
Inert Filler	1317-65-3	45-50
TiO2 Pigment	13463-67-7	2-5
Additive	NA	5-8
Plasticizer	85535-85-9	20-23

4. FIRST-AID MEASURES

In case of Inhalation: Allow the victim to rest in a well Ventilated area. Seek a medical attention

In case of ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

In case of skin contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Seek a medical attention.

In case of eyes contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek a medical attention.

5. FIRE FIGHTING MEASURES

- **Extinguishing media:** Water fog, foam, carbon dioxide, dry chemical
- **Special Fire Fighting procedures:** Not Applicable.
- **Unusual Fire & Explosion Hazards:** Firefighters should wear self-contained breathing apparatus and full protective equipment. Normal firefighting procedures may be used. Skin contact and/or breathing of vapours should be avoided.

6. ACCIDENTAL RELEASE MEASURES

- **Containment Techniques:** For small/large spills, use normal water and collect for later disposal.
- **Clean-up Procedures & equipment:** Wear protective equipment during clean up. Ventilate area of spill or leak. Collect material for later disposal. After collection of material, flush area with water.
- **Evacuation Procedure:** Isolate the hazard and deny entry to unnecessary and unprotected personnel.
- **Special Instructions:** Remove all contaminated clothing to prevent further absorption. Decontaminate affected personnel using the first aid procedure. Leather shoes that have been saturated must be discarded.
- **Special Reporting Requirements:** Notify appropriate authorities if required by regulation.

7. HANDLING AND STORAGE

- **Precautions for safe handling:** 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

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.

Local exhaust:	Recommended
General ventilation:	Recommended
Hand protection:	Suitable protective gloves.
Eye protection:	Wear safety glasses, which comply with local standards.
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

Appearance	Homogeneous smooth paste
Curing time	7 days at 20°C
Colour	Grey
UV Resistance	Good
Weatherability	Good
Chemical resistance	Resistance to most alkalies & dilute acids, petrol, diesel or jet fuel and many Solvent and vegetable oils
Flammability	Flame and Fuel resistant as per BS specification
Service temperature	-40°C to +80°C
Shore A Hardness after 7 days	10 to 15
Application Temperature	5-50°C
Mixing ratio by weight	92: 8
Specific Gravity at 25°C Mixed	Approx. 1.75
Pot life at 25°C	1-2 hrs. at 25°C

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions

Incompatibility (material to be avoid): Oxidizing agents, strong acids, alkalis, Halogens.

Conditions to be avoid: Temperatures below 5°C and above 50°C.

Dangerous reactions: None known.

Hazardous Decomposition Products: Thermal decomposition: - Carbon Di-oxide Compounds.

Resistance to Flame: Resistant with no sign of cracking, flaking and other effects due to flame.

11. TOXICOLOGICAL INFORMATION

Health Effects

On Eyes: May cause transient irritation.

On Skin: Unlikely to cause harm on brief or occasional contact.

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

By Ingestion: Low order of acute toxicity. 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. Insoluble in water.
Persistence & Degradability: Expected to be not readily biodegradable.
Bio-accumulative Potential: Not expected to be bio-accumulative.
Ecotoxicity: Expected to be ecotoxic to fish/daphnia/algae

13. DISPOSAL CONSIDERATION

Classification of Waste as manufactured: Hazardous.
Note: Generator is responsible for proper waste characterization.

Waste Disposal: Dispose of this material in accordance with standard practice for disposal of potentially hazardous materials as required by applicable regulations. Note that disposal regulations may also apply to empty containers and related Equipment.

14. REGULATORY INFORMATION

Risk Phrase: N/A
Safety Phrase: N/A
Poisons Schedule: N/A
Hazard Category: None

15. OTHER INFORMATION

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use and determine whether they are appropriate.

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