

# ShaliProtek HR BT 300

Heat Resistant Bituminous UIC Protective Coating Emulsion



## Material Safety Data Sheet

### Identification of the substance/preparation and of the company/undertaking

<b>Trade Name</b>	<b>ShaliProtek HR BT 300</b>
<b>Intended Use</b>	Anticorrosive Protective Coating for steel or metal.
<b>Product Code</b>	SPHRBT300
<b>Company Name</b>	<b>STP Limited</b> 43 Nehru Place 707 Chiranjiv Towers, New Delhi 110019, India Phone : +91 11 4656 1359 Fax : +91 11 4656 1358
<b>Emergency Information</b>	Phone : +91 81302 81114 Fax : +91 11 4656 1358

### [ 1 ] Composition / information on ingredients

<b>Component</b>	<b>% by weight</b>	<b>CAS No</b>
Acid	2- 5	8008-20-6
Bitumen	40-60	8052-42-4
Polyethylene glycol	2-10	25322-68-3
Emulsifier	1-5	NA
Water	20-40	7732-18-5

### [2] Hazards Identification

<b>GHS Classification</b>	Not a hazardous substance or mixture
<b>GHS Label Elements</b>	Not a hazardous substance or mixture
<b>Inhalation</b>	Excessive inhalation can cause nausea, headache, intoxication and Unconsciousness.
<b>Ingestion</b>	May cause irritation to the digestive tract and mouth causing vomiting and abdominal pain
<b>Skin Contact</b>	Prolonged contact will affect and dry the skin and may lead to irritation and dermatitis.
<b>Eye Contact</b>	Will cause intense smarting and irritation

### [3] First-aid Measures

<b>Inhalation</b>	Remove to fresh air. Give oxygen / artificial respiration if needed. Consult Doctor.
<b>Ingestion</b>	Do not induce vomiting. Give plenty of milk or water. Consult Doctor.
<b>Eye Contact</b>	Flush with clean water for minimum 15 minutes. Consult Doctor.
<b>Skin Contact</b>	Remove contaminated clothing. Apply proprietary skin cleaner, then wash with copious soap and water. Apply skin cream.

#### [4] Fire-fighting Measures

<b>Extinguishing Media</b>	Dry powder, CO <sub>2</sub> , Earth, Sand, Foam. Do not use Water.
<b>Special Fire Fighting procedures</b>	Wear suitable respiratory equipment when necessary.
<b>Unusual Fire &amp; Explosion Hazards</b>	Burning produces irritating, toxic and obnoxious fumes.

#### [5] Accidental Release Measures / Spills and Leaks

<b>Steps to be taken in case material is released or spilled</b>	Absorb onto inert material, e.g., sand, earth. Put into suitable containers. Prevent from entering water courses
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#### [6] Handling & Storage

<b>Precautions for safe handling</b>	Keep in tightly closed container in cool dry area from all sources of ignition
<b>Other precautions</b>	Store away from oxidizing agents, peroxides, Food stuffs

#### [7] Exposure Controls / Personal Protection

<b>Respiratory Protection (Type)</b>	Should not be necessary with adequate ventilation.
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#### [8] Ventilation

<b>Local Exhaust</b>	Ensure adequate ventilation to comply with OEL.
<b>Hand Protection</b>	Wear suitable impervious gloves
<b>Eye Protection</b>	Safety goggles Long sleeved overalls

#### [9] Physical & Chemical Properties

<b>Appearance</b>	Brown to chocolate paste
<b>Odour</b>	Mild bituminous odour
<b>Ph</b>	3-6
<b>Boiling Point/Boiling range °C</b>	N/A
<b>Specific Gravity</b>	1.30±0.02
<b>Vapour pressure (MM mercury)</b>	N/A
<b>Melting Point /Freezing point</b>	N/A

<b>Water Solubility</b>	Soluble
<b>Viscosity</b>	N/A
<b>Percentage Volatile by volume %</b>	50-55
<b>Evaporation Rate (Butyl Acetate=1)</b>	N/A
<b>Flash Point °C / Method used</b>	>200
<b>Lower Explosive limits</b>	N/A
<b>Upper Explosive limits</b>	NA

#### [10] Stability & Reactivity

<b>Stability</b>	Stable under normal conditions
<b>Conditions to avoid</b>	High temperatures
<b>Incompatibility/Materials to avoid</b>	Oxidizing agents, strong acids, alkalis, Halogens
<b>Hazardous Decomposition Products</b>	Combustion produces toxic gases
<b>Hazardous Polymerization</b>	Will not occur

#### [11] Toxicological Information

LD 50/oral/rat = 5000 mg / Kg

#### [12] Ecological Information

Non pollutant

#### [13] Disposal Consideration

Incinerate or landfill according to local regulations

#### [14] Transport Information

<b>Class</b>	Non-Hazardous material
<b>DOT</b>	Not regulated as dangerous goods
<b>IATA</b>	Not regulated as dangerous goods
<b>IMDG</b>	Not regulated as dangerous goods

#### [15] Regulatory Information (Risk & Safety Phrases)

<b>R10</b>	Not Flammable
<b>TCSA</b>	Not Regulated
<b>CERCLA Hazardous substance list</b>	Not Listed
<b>US. OSHA</b>	Not Listed
<b>Hazard Categories</b>	No

## [16] Other Health & Safety Information

<b>Precautionary Statement:</b>	Please note that the information contained herein is furnished without warranty of any kind. Users should consider these data as a supplement to other information gathered by and make independent judgments of suitability of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.
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### Note

The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation (e.g. the Health and Safety at Work Act, 1974; the control of Substances Hazardous to Health Regulations, 1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

**END OF MSDS**

**Revision date-** 11<sup>th</sup> November, 2023