ShaliBond ST

Cementitious adhesive for bonding wet applied bituminous membranes

STP Limited

Material Safety Data Sheet

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

Trade Name	**ShaliBond ST**
Intended Use	Waterproofing membrane bonding adhesive
Company Name	**STP Limited** 707 Chiranjiv Tower, 43 Nehru Place New Delhi 110019 Phone : +91 11 46561359 Fax : +91 11 46561358
Emergency Information	Phone : +91 81302 98888 Fax : +91 11 46561358

[1] Composition / information on ingredients

Component	% by weight	CAS No
Portland cement	70-90	65997-15-1
Additives	5 – 10	Trade secret
Fine aggregates	1-10	Trade secret

[2] Hazards Identification

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] First-aid Measures

Inhalation	Allow the victim to rest in a well ventilated area. Seek a medical attention
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.

Eye 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.
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

[4] Fire-fighting Measures

Extinguishing Media	None, Product will not burn
Special Fire Fighting procedures	None
Unusual Fire & Explosion Hazards	None

[5] 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.

[6] Handling & 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.

[7] Exposure Controls / Personal Protection

Engineering controls	Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use
Personal Protective Equipment	PPE is normally essential. Wear Sturdy boots that are impervious to eliminate foot and ankle exposure. Barrier creams should not be used in place of gloves.
Respiratory protection	Avoid mists.
Glove type (AS2161)	Protective gloves
Eye protection	Wear safety glasses, which comply with local standards
Clothing	N/A
Others	Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals

[8] Ventilation

Local Exhaust	Ensure adequate ventilation to comply with OEL.

[9] Physical & Chemical Properties

Appearance	Grey powder
Odour	No distinct odour
pH(in water)	No data available
Boiling Point/Boiling range °C	Not applicable
Specific Gravity	2.0-2.5
Vapour pressure(kPa at 20°C)	N/A
Melting Point /Freezing point	N/A
Water Solubility	soluble
Flash Point °C	N/A
Lower Explosive limits	N/A
Upper Explosive limits	N/A

[10] Stability & Reactivity

Stability	Stable under normal conditions
Conditions to avoid	Unintentional contact with water
Incompatibility/Materials to avoid	Wet Dam It is alkaline. As such it is compatible with acids, ammonium salts and phosphorous.
Hazardous Decomposition Products	Will not spontaneously occur
Hazardous Polymerization	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 : 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. Soluble in water.
Persistence and 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

Dispose in accordance with all local and governmental regulations

Unused Product : Dispose of through an authorized waste contractor to a licensed site.
Used/Contaminated Product: As for Unused product.
Packaging : Dispose of bags in an approved landfill or incinerator.

[14] Transport Information

This product is NOT classified as dangerous for transport

UN number	None Allocated
Dangerous goods class	None Allocated
Subsidiary risk	None Allocated
EPG card	None Allocated
Shipping name	None Allocated
Packing group	None Allocated
Poisons schedule	None Allocated
Hazchem code	None Allocated

[15] Regulatory Information (Risk & Safety Phrases)	
Risk Phrase	R36/38 Irritating to Eyes and skin
Safety Phrase	S23 Do not breath gas/fumes/vapour/spray
Poisons Schedule	N/A
Hazard Category	None
Classification	Non-hazardous

[16] Other Health & Safety 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.

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

20TH March 2024