

# Super Silver Shield

Bituminous Anti-corrosive Multi-purpose Aluminium Coating



## Material Safety Data Sheet




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

<b>Trade Name</b>	<b>SuperSilver Shield</b>
<b>Intended Use</b>	Protection Coating For Bituminous Felt and Membranes
<b>Product Code</b>	1BAACP
<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 98888 Fax : +91 11 4656 1358

### [ 1 ] Composition / information on ingredients

Component	% by weight	CAS No
MTO	42 – 45%	7789 – 20 – 0
Oxidized Bitumen	55 – 58%	64742-93-4
Aluminium Pigment	10-20 %	7429-90-5

### [2] Hazards Identification

<b>GHS Label Element</b>	  <b>Danger</b> 
<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 self contained breathing apparatus, Full protective clothing. Spray drums with Water to keep cool.
<b>Unusual Fire &amp; Explosion Hazards</b>	Vapour is heavier than air. Combustion Produces toxic gases

#### [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>	Self contained breathing apparatus if in enclosed spaces. Otherwise, not normally required.
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#### [8] Ventilation

<b>Local Exhaust</b>	Ensure adequate ventilation to comply with OEL.
<b>Protective Gloves</b>	Rubber, PVC
<b>Eye Protection</b>	Safety goggles Long sleeved overalls

#### [9] Physical & Chemical Properties

<b>Appearance</b>	Aluminium color mobile liquid
<b>Odour</b>	Paint like
<b>pH</b>	N/A
<b>Boiling Point/Boiling range °C</b>	Above 150°C
<b>Specific Gravity</b>	0.95-1.2
<b>Vapour pressure(MM mercury</b>	2.400 (20°C)Solvent
<b>Melting Point /Freezing point</b>	N/A
<b>Water Solubility</b>	Insoluble
<b>Viscosity</b>	Thin Liquid

Percentage Volatile by volume %	42 – 50
Evaporation Rate (Butyl Acetate=1)	0.19
Flash Point °C / Method used	Above 32°C (Abel CC)
Lower Explosive limits	0.6%
Upper Explosive limits	8.0%

#### [10] Stability & Reactivity

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

#### [11] Toxicological Information

LD 50/oral/rat = 5000 mg / Kg

#### [12] Ecological Information

Marine Pollutant

#### [13] Disposal Consideration

Incinerate or landfill according to local regulations

#### [14] Transport Information

Class	Paint related material
Packaging Group	111
Classification Code	N/A
Hazard Identification Number	N/A
UN Number	1263
RID-ADR	Class 3
HI	30
Label	Xn, F
Technical Name	Bitumen Paint

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

R10	Flammable
R40/21	Harmful-Possible risk of irreversible effects in contact with skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S24	Avoid contact with skin
S36/37/39	Wear suitable protective clothing, gloves and eye / face protection

## [16] Other Health & Safety Information

Recommended uses and restrictions: See below

Source of key information used to compile SDS, CHIP regulations 1994. EH40

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\***

**Revision date-** 20<sup>th</sup> March, 2022