SAFETY DATA SHEET

Ref : SDS-Version - 1 Dated 13-10-2026

iShield 500PP

Section: 1 - Identification

Product Name	iShield 500PP
Recommended use	Polyproplene Fabric Surfaced Protection Board
Manufacturer	INNOBIT INDUSTRIES LLC P.O. Box:3343,Umm Al Quwain,UAE
Telephone	Tel : + 971 6 706 9111
Website	www.innobit.me

Section: 2 - Hazards Identification

2.1. Classification of the substance or mixture

Classification (CLP):
Substances and preparations marketed in a specific form or within specific containers need not to be classified according to the REACH Regulation Article 3 (3).

2.2. Label elements

Label elements (CLP):

Substances and preparations marketed in a specific form or within specific containers need not to be classified according to the REACH Regulation Article 3 (3).

2.3. Other hazards

None if used properly.
Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

Section: 3 - Composition/information on Ingredients

3.2. Mixtures

General chemical description:
Manufactured item - article **Base**

substances of preparation:
Bitumen
Mineral
fillers

Declaration of the ingredients according to CLP (EC) No 1272/2008:
Contains no dangerous substances exceeding the limits of the EU-Regulation

Section: 4 - First Aid Measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
Move to fresh air, consult doctor if complaint persists.

Skin contact:
Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

Eye contact:
Rinse immediately with plenty of running water, seek medical advice if necessary.

Ingestion:
Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed
No data available.

4.3. Indication of any immediate medical attention and special treatment needed
See section: Description of first aid measures

Section: 5 - Fire Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media:
carbon dioxide, foam, powder, water spray jet, fine water spray

Extinguishing media which must not be used for safety reasons:
High pressure waterjet

5.2. Special hazards arising from the substance or mixture
In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO2) can be released.

5.3. Advice for firefighters
Wear self-contained breathing
apparatus. Wear protective equipment.

Section: 6 - Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures
Wear protective equipment.

6.2. Environmental precautions
Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up

Remove mechanically.

Dispose of contaminated material as waste according to Section 13.

6.4. Reference to other sections

See advice in section 8

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

No particular measures required.

Hygiene measures:

Wash hands before work breaks and after finishing work. Do not eat, drink or smoke while working.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from heat and direct sunlight.

Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

7.3. Specific end use(s)

Bituminous product

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

Ingredient [Regulated substance]	ppm	mg/m³	Value type	Short term exposure limit category / Remarks	Regulatory list
Asphalt 8052-42-4 [ASPHALT (BITUMEN) FUMES AS BENZENE-SOLUBLE AEROSOL, INHALABLE FRACTION OF THE AEROSOL]		0,5	Time Weighted Average (TWA):		ADTLV
Asphalt 8052-42-4 [ASPHALT (FUMES)]		5	Time Weighted Average (TWA):		GCC TLV
Asphalt 8052-42-4 [ASPHALT (FUMES)]		5	Time Weighted Average (TWA):		UAE OEL
Asphalt 8052-42-4 [ASPHALT (FUMES)]		5	Time Weighted Average (TWA):		DB OEL
Calcium carbonate 471-34-1 [CALCIUM CARBONATE, INHALABLE DUST]		10	Time Weighted Average (TWA):		DB OEL
Calcium carbonate 471-34-1 [MARBLE, RESPIRABLE LIMESTONE, RESPIRABLE]		4	Time Weighted Average (TWA):		DB OEL
Calcium carbonate 471-34-1 [CALCIUM CARBONATE, RESPIRABLE DUST]		4	Time Weighted Average (TWA):		DB OEL
Calcium carbonate 471-34-1 [MARBLE, TOTAL INHALABLE LIMESTONE, TOTAL INHALABLE]		10	Time Weighted Average (TWA):		DB OEL
Distillates (petroleum), solvent-refined heavy paraffinic 64741-88-4 [OIL MIST, MINERAL]		0,2	Time Weighted Average (TWA):		ADTLV
Distillates (petroleum), solvent-refined heavy paraffinic 64741-88-4 [MINERAL OIL, PURE, INHALABLE FRACTION OF THE AEROSOL MINERAL OIL, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION OF THE AEROSOL]		5	Time Weighted Average (TWA):		ADTLV
Polyethylene 9002-88-4 [DUST, INHALABLE DUST]		10	Time Weighted Average (TWA):		DB OEL
Polyethylene 9002-88-4 [DUST, RESPIRABLE DUST]		4	Time Weighted Average (TWA):		DB OEL

Biological Exposure Indices:
None

8.2. Exposure controls:

Respiratory protection:
Not needed.

Hand protection:
Not needed.

Eye protection:
Not needed.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Roll solid dark
Odor	typical
Odour threshold	No data available / Not applicable
pH	No data available / Not applicable
Initial boiling point	> 300 °C (> 572 °F)
Flash point	No data available / Not applicable
Decomposition temperature	No data available / Not applicable
Vapour pressure	No data available / Not applicable
Density (25 °C (77 °F))	1,02 - 1,03 g/cm3
Bulk density	No data available / Not applicable
Viscosity	No data available / Not applicable
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Solubility (qualitative) Solidification temperature	No data available / Not applicable No data available / Not applicable
Melting point	> 140 °C
Flammability	No data available / Not applicable
Auto-ignition temperature Explosive limits	No data available / Not applicable
Partition coefficient: n-octanol/ water Evaporation rate	No data available / Not applicable No data available / Not applicable
Vapor density	No data available / Not applicable

Oxidising properties	No data available / Not applicable

9.2. Other information

No data available / Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
Reaction with acids: production of heat and carbon dioxide.

10.2. Chemical stability
Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions
See section reactivity

10.4. Conditions to avoid
None if used for intended purpose.

10.5. Incompatible materials
See section reactivity.

10.6. Hazardous decomposition products
None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

General toxicological information:
To the best of our knowledge no harmful effects are to be expected if the product is handled and used properly.

SECTION 12: Ecological information

General ecological information:
Do not empty into drains, soil or bodies of water.

12.1. Toxicity

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential / 12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Dispose of waste and residues in accordance with local authority requirements.

Disposal of uncleaned packages:
Use packages for recycling only when totally empty.

Waste code
080499

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR. **Transport**

14.3. hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR. **Packing**

14.4. group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR. **Special**

14.6. precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR. **Transport**

14.7. in bulk according to Annex II of Marpol and the IBC Code not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

VOC content (VOCV 814.018 VOC regulation CH)	0 %

15.2. Chemical safety assessment
A chemical safety assessment has not been carried out.

SECTION 16: Other information

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered.
It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.
The product is intended for industrial use.

Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.