



## SAFETY DATA SHEET HS PROTECT®

### Section 1: Identification of the substances/preparation and of the company/ undertaking

**Product name: HS Protect Transparent and HS Protect water repellent**

Relevant identified uses, and uses advised against

Identified uses: Peelable Coating

Professional use only

<b>MANUFACTURER:</b> <b>HS Protect BVBA</b> Address: Zavelstraat 7B 9190 Stekene Belgium	<b>SDS data:</b> <b>HS Protect BVBA</b> Address: Zavelstraat 7B 9190 Stekene - Belgium  Att: Chemist R&D /Herman +32 3 790 10 90 Herman@hsprotect.be
Head-Office: +32 3 790 10 90	EMERGENCY PHONE: +32 475 69 61 10

### Section 2: Hazards identification

#### Classification of the substance or mixture

This product is not classified as hazardous or toxic in the GHS framework.

This product has not been classified as hazardous per the present legislation in force.

This product and components hereof, including traces of contamination from waste mining resources as heavy elements, toxins and biotracers, do not appear in TSCA, ECHA or any known national or international inventory listing of hazardous or potentially hazardous substances.

The product is not classified as hazardous according to Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

#### Hazard summary

Physical hazards: Not classified as hazardous.

Health hazard: None known

Environmental hazards by accidental release to waterways:

Water Hazard Class: WGK 1, slightly water-endangering. RCRA Hazard class: None known

Acute health hazards: No significant hazards associated with this product.

Chronic health hazards: No significant hazards associated with this product. Medical conditions generally aggravated by exposure: None known.

Potential Physical/Chemical hazard: Wet spilled material may form extremely slippery surfaces.

#### Emergency overview:

Low hazard for usual handling and industrial processing for trained personnel. Routes of entry: Contact with unprotected eyes or skin and unprotected breathing.





Form: Liquid  
Colour: colour variable  
Odor: Mild to odorless

#### Labeling

None, not classified as dangerous following regulation 1272/2008 of the EU parliament and the Council of 16 December 2008

#### Other hazards

Wet spilled material may form extremely slippery surfaces.

### Section 3: Composition/information on ingredients

Components:	CAS no.	Min WT %	Max WT %
Proprietary compound		45	50
Water	7732-18-5	50	55
BIT(benzthiazolinone)	2634-33-5	0.001	0.003

Chemical name	Classification		Notes
Proprietary compounds	DSD	Not classified according to D 67/548/EEC	none
Proprietary compounds	CLP	Not Classified Regulation No. 1272/2008	none
BIT	(EUH 208)	US EPA No. 67071-29	< 375 ppm limit

The full text for all R-phrases, H-statements and S-statements is displayed in section 16.

The product and constituents in the actual concentrations are not listed in inventories of REACH, EU(PIC), TSCA(USA), DSL (Canada), AICS (Australia), ECL (Korea), ENCS/MITI (Japan), IECSC (China), PICCS (Philippines), US(TSCA), New Zealand(NZIOC), Taiwan(TCSI), as well as GHS. Neither the HS Protect formulation, nor disintegration products under non-chemical reactions, as well as proprietary components and their originating potentially harmless plant or mineral oils, are listed or is banned in either REACH/ECHA inventories, TSCA lists or in FDA context.

### Section 4: First aid measures

**Eyes:** The material can be removed with water. Remove contact lenses if possible and flush with plenty of water at least 15 minutes. If necessary seek medical attention for inspection of the eye and the vicinity hereof.

**Skin:** Immediate first aid is not likely to be required. The material can be removed with water. Flush with plenty of water while or after removing contaminated clothes and shoes. Get medical attention if symptoms arise.

**Ingestion:** Rinse mouth thoroughly with water. There may be irritation of the throat. A physician can be contacted for advice and observation.

**Inhalation:** Immediate first aid is not likely to be required. Get medical attention if symptoms arise.

### Section 5: Fire-fighting measures

**Extinguishing media:** Water spray, foam, dry chemical or carbon dioxide

**Unusual fire and explosion hazards:** The product may form dust and can accumulate electrostatic charges, which may form electric discharges (ignition source). Use proper Electrical grounding methods where airborne powder is moved mechanically.

**Flammability:** Material must be heated locally to more than 380 °C before ignition can occur.





### Section 6: Accidental release measures

**Personal precautions:** Use personal protection measures as described in section 8.

**Environmental precautions:** Keep out of drains and water courses.

**Methods of cleaning up:** In case of spill: Absorb with liquid-binding material (sand, rock flour, sawdust, ...) Scoop, sweep, or vacuum and remove.

Refer to section 13 for disposal information and 15 for reportable quantity information.

### Section 7: Handling and storage

#### Precautions for safe handling

Handle in accordance with good industry hygiene and safety practices to minimize dust production. Take precautionary measures to avoid electrostatic discharges.

#### Conditions for safe storage, including any incompatibilities

**Storage:** Keep the containers tightly closed. Store in a cool, dry place out of sunlight. Be aware that our formulation once exposed to air will form a film on surface.

**General:** Stable under normal conditions of handling and storage.

Avoid storage near oxidizing chemicals.

Specific end uses No data available

### Section 8: Exposure controls/personal protection

**Ventilation:** Provide adequate ventilation. Ventilate as needed to control airborne particles levels below the occupational safety limits.

**Respiratory protection:** This material is not likely to present an airborne exposure concern under normal conditions of use. Use an approved respiratory unit and if uncontrolled releases have to be cleaned use a positive pressure respiratory system.

**Eye protection:** Use good industrial practice to avoid eye contact. Wear safety glasses with side shields or goggles.

**Skin protection:** Although this product does not present a significant skin concern, minimize skin contamination by following good industrial practice. Wash thoroughly with soap after handling. Wear appropriate clothing to avoid prolonged skin-contact.

**Other equipment:** Wearing protective gloves is recommended.

**Exposure guidelines:** Airborne exposure limits: (ml/m<sup>3</sup> = ppm) OSHA and/or ACGIH have not established specific exposure limits for this material. However, they have established limits for particulates not otherwise regulated (PNOR) and particulates not otherwise classified (PNOC) respectively, which are the least stringent exposure limits applicable to airborne particles:

ACGIH TLV: 10mg/m<sup>3</sup> (total dry dust) 8-hr TWA

ACGIH TLV: 3mg/m<sup>3</sup> (respirable) 8-hr TWA

OSHA Z-1 PEL: 15mg/m<sup>3</sup> (total dry dust) 8-hr TWA

OSHA Z-1 PEL: 5mg/m<sup>3</sup> (respirable) 8-hr TWA

### Section 9: Physical and chemical properties

European VOC: 0%

Appearance: Opaque liquid.

Odor: Odorless, mild vinylic and soap.

Physical state: Liquid

Specific gravity – (H<sub>2</sub>O = 1): app. 1.05 kg/ltr Auto ignition temperature > 380°C

Solubility in water: Mixable





### Section 10: Stability and reactivity

Stability: Stable.

Conditions to avoid: All sources of ignition and strong oxidizers. All kinds of leaking of the containers.

Incompatibility: None known

Hazardous polymerization: Hazardous polymerization does not occur.

### Section 11: Toxicological information

Acute toxicity

*Oral:*

*Product: No data available*

*Specified substances: Not classified for acute toxicity on available data*

Symptoms route of exposure:

skin contact: There may be mild irritation at the site of contact

eye contact: There may be irritation and redness

ingestion: There may be irritation of the throat.

inhalation: No symptoms

### Section 12: Ecological information

HS Protect has not conducted environmental toxicity, accumulation, mobility or biodegradation studies with this material, but recommends extensive use of recycling techniques for the product and waste products by the process in mention.

### Section 13: Disposal considerations

Disposal considerations: Incineration, Recycling or Landfill.

This product should not be dumped, spilled, rinsed or washed into sewers or public waterways.

RCRA hazard class: None known.

### Section 14: Transport information

Dangerous goods

ADR Status: No Dangerous goods

RID Status: No Dangerous goods

IMDG Status: No Dangerous goods

ICAO/IATA Status: No

GHS, not dangerous, nonflammable and nontoxic – no regulatory status.

### Section 15: Regulatory information

The product complies with REACH, TSCA (USA), EU(PIC), DSL (Canada), AICS/NICNAS (Australia), ECL (Korea), ENCS/MITI (Japan), IECSC (China), PICCS (Philippines), US(TSCA), China(IECSC), New Zealand(NZIO), Taiwan(TCSI) as well as GHS.

Labeling Regulation EC No 1272/2008 GHS label elements

Neither the HS Protect formulation, nor disintegration products under non-chemical reactions, as well as proprietary components and their originating potentially harmful plant or mineral oils, are listed as potentially harmful or is banned in either REACH/ECHA inventories, TSCA lists or in FDA context.

This regulatory status is checked every half year, latest by Dec 2020

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





Water Hazard Class (WGK) :  
WGK 1: Slightly water-endangering

Chemical safety assessment  
None.

#### **Section 16: Other information**

Key literature references and sources for data:  
No data available

Wording of the R-phrases, H-statements, S-statements and EUH labelling in section 2 and 3: None.

Disclaimer: Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, HS Protect BV makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will HS Protect BVBA be responsible for damages of any nature whatsoever resulting from the use of or reliance upon Information.

**NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.**

Issue date: 01.06.2020, Revision:4

