

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifiers**

Trade name : HS PROTECT TRANSPARENT  
Synonyms : HS PROTECT TRANSPARENT PAINT BOOTH PROTECTION

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Relevant identified uses : Peelable special water-based paint Spray booth protection

**1.3 Details of the supplier providing the safety data sheet**

Supplier/ Manufactured by HS PROTECT  
Zavelstraat 7B  
9190 Stekene – BELGIUM  
Tel: +32 3 790 10 90  
Email: info@hsprotect.be

**1.4 Emergency number:** : In case of emergency: tel +32 3 790 10 90 (HS PROTECT BV)  
Chemist: Herman Bertier: +32 475 69 61 10  
24-hour emergency number: BELGIAN POISON CENTER: 070 245 245  
NVIC Netherlands: 030-274 8888  
(CHEMTREC) Germany: +(49) 6964 - 3508409 / 0800-1817059

**SECTION 2. HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

This product does not meet the classification requirements of current European legislation.

**Classification according to Regulation (EC) No 1272/2008 [CLP]** Not classified.

**2.2 Marking elements****Labelling according to Regulation (EC) No 1272/2008 [CLP].**

Hazard statements: Not applicable  
Precautionary statements: not applicable  
Signal words: not applicable

**Additional information on the label:** EUH210: Safety data sheet available on request.  
EUH 208: May cause an allergic reaction.

**2.3 Other hazards**

Results of PBT and vPvB assessment -.

PBT: Not applicable. -

vPvB: Not applicable

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances** Not applicable**3.2 Mixture**

EC Classification Regulation (EC) No 1272/2008 (CLP)

Chemical name	CAS number	EC number	%	Hazard statements (CLP 1272/2008)
BIT(Benzthiazolinone)	2634-33-5	220-120-9	0.002 - 0.003	Acute Tox. 2, H330. Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1); Aquatic Chronic 2, H411 Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317

**3.3. Chemical characterisation:****Mixtures Regulation No. 1272/2008**

Taking into account the legal regulations to be observed, no dangerous properties have become known for the product. See section 15 of REACH Regulation (EC) No 1907/2006; Article 59(1). Candidate list (substances of very high concern (SVHC))

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

IN CASE OF INGESTION: Rinse out mouth. Do NOT induce vomiting.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if possible. Continue to rinse.

IF INHALED: Remove the person to fresh air and ensure unobstructed breathing.

IF ON SKIN (or hair): Remove all contaminated clothing immediately. Wash skin with water and soap [or shower].

**4.2 Most important symptoms and effects, both acute and delayed.**

See section 11.

**4.3 Indication of any immediate medical attention or special treatment required.**

Hazards: Treatment: No data available. Treat symptomatically.

**SECTION 5: FIREFIGHTING MEASURES**

General fire hazards: No information on unusual fire or explosion hazards.

**5.1 Extinguishing media**

Suitable extinguishing media: Carbon dioxide, powder and foam extinguishing media; water spray, water mist.

Extinguishing media unsuitable for safety reasons: not determined.

**5.2 Special hazards arising from the substance or mixture**

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

**5.3 Advice for firefighters**

Firefighters should wear full protective clothing, including self-contained breathing apparatus. Do not inhale smoke. If possible, clear away containers before using water.

If exposed to fire, cool containers with water spray.

**SECTION 6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment, and emergency procedures.**

Ventilate enclosed or other poorly ventilated areas where product has spilled. Personal protective equipment must be worn; see section "Exposure controls/protective equipment" for recommendations.

**6.2. Environmental precautions**

Avoid release into the environment. Do not contaminate water supply or sewage system. Always notify the Environmental Protection Officer in the event of a spillage of large quantities. Avoid further leakage or spillage if this can be done without danger.

**6.3 Methods and material for containment and clean-up**

Contain larger quantities of spilled material at a safe distance and dispose of later. Collect the free liquid for recycling and/or disposal. The remains of a liquid can be absorbed with an inert material. Wash the area with soap and water. The spilled liquid and dried film are slippery. Use caution to avoid falls.

**6.4 Reference to other sections**

See sections 8 and 13 for further information.

**SECTION 7: HANDLING AND STORAGE****7.1 Protective measures for safe handling:**

Observe recognised industrial hygiene measures. Ensure adequate ventilation. Wear suitable personal protective equipment.

Avoid contact with eyes and prolonged or repeated contact with skin. Do not inhale mists and vapours. Do not eat, drink or smoke while working. Stir well before use. Keep containers that are not in use closed. Minimise contact with

air to reduce contamination by mould, fungi or other organisms that may cause decay or spoilage. Wash thoroughly after handling.

Maximum temperature for handling the material: 35 °C

### 7.2 Conditions for safe storage under

**Consideration of incompatibilities:** Store in a tightly closed container. Tightly close unused containers. Store away from heat, sources of ignition and direct sunlight.

Sore at ambient temperature

TRGS 510 Storage instructions: Storage class 12: Non-flammable liquids

### 7.3 Specific end uses

: No further relevant information available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT

### 8.1 Parameters to be monitored

Occupational exposure limit values: Occupational exposure limit values do not apply to any of the components.

### 8.2 Exposure controls and monitoring

Appropriate engineering controls : Use the product only in a well-ventilated environment. Provide adequate ventilation so that exposure limits are not exceeded. Mechanical ventilation system or local exhaust system may be required.

Exposure limits: 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 particles not otherwise regulated (PNOR) and particles not otherwise classified (PNOC), respectively, which are the least stringent exposure limits for airborne particles:

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

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

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

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

Individual protective measures, for example personal protective equipment.

General information: Please follow the guidelines below for recommended personal protective equipment (PPE) and refer to the relevant EN standard where applicable. Use prescribed personal protective equipment.

- a) Respiratory protection : Ensure compliance with occupational exposure limits and/or other limits. In case of short or low exposure use respiratory filter device; in case of intensive or prolonged exposure use self-contained breathing apparatus. Use respiratory protection in case of insufficient ventilation. Filter A/P2
- b) Hand protection : Preventive skin protection through the use of skin protectants is recommended. To avoid skin problems, the wearing of gloves should be reduced to the necessary extent. Before using the glove again, check for leaks. The glove material must be impermeable and resistant to the product / substance / preparation. Selection of the glove material considering the breakthrough times, permeation rates and degradation.
- c) Glove material : DIN EN 374 Butyl rubber Nitrile rubber PVA gloves Recommended material thickness:  $\geq 0.7$  mm The selection of a suitable glove depends not only on the material but also on other quality features and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use. Penetration time of the glove material Value for permeation: Level  $\leq 6$  ( $\geq 480$ min) The exact penetration time must be obtained from the protective glove manufacturer and must be observed.
- d) Eye protection : Tight-fitting safety goggles according to DIN EN 166
- e) Body protection : Use protective clothing. To minimise physical impact, it is necessary to wear chemically resistant PPE/overalls.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

State of aggregation: Liquid

Colour: milky

**HS PROTECT TRANSPARENT**

Odour:	Slight inherent odour
Odour threshold:	No data available
pH value:	approx. 7.5 – 8.5 DIN 51369
Freezing temperature:	approx. 0 °C ISO 3016
Boiling point/boiling range:	approx. 97 °C at 1.013 hPa DIN 53171
Flash point:	No flash point up to initial boiling point. DIN EN ISO 13736
Evaporation rate:	No data available
Flammability (solid, gaseous):	not applicable
Flammability rating:	not applicable
Vapour density:	No data available
Density:	approx. 1.05 g/cm <sup>3</sup> at 20 °C DIN 51757
Miscibility with water:	miscible
Surface tension:	No data available
Partition coefficient (n-octanol/water):	not determined
Auto-ignition temperature:	not applicable
Ignition temperature:	approx. °C 380 - DIN 51794
Decomposition temperature:	No data available
Explosive properties:	No data available
Dust explosion class:	not applicable
Oxidising properties:	No data available

**SECTION 10: STABILITY AND REACTIVITY**

- 10.1 Reactivity** : No data available
- 10.2 Chemical stability** : The material is stable under normal conditions.
- 10.3 Possibility of hazardous reactions** : Does not occur.
- 10.4 Conditions to avoid** : Do not freeze
- 10.5 Incompatible materials** : Strong oxidising agents

**10.6 Hazardous decomposition products:** Thermal decomposition or combustion may result in the formation of smoke, carbon monoxide, carbon dioxide, nitrogen oxides and other substances of incomplete combustion. Burning or decomposition of dry solids may give off irritating or toxic substances.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects**

- Acute toxicity : Based on available data, the classification criteria are not met.
- Ingestion : May be irritating to the digestive tract. ATEmix (estimated acute toxicity of mixture) > 10,000 mg/kg.
- Skin contact : Not classified for acute toxicity based on available data.
- Inhalation : Overexposure to vapours or mist may cause dizziness, headache, nausea and/or flu-like symptoms. Persons with sensitive respiratory tract (e.g. asthmatics) may react to the vapours. Not classified for acute toxicity based on available data.
- Skin corrosion/irritation : Prolonged or repeated skin contact may cause irritation. Pre-existing skin lesions may be aggravated by prolonged or repeated contact.  
Remarks: Not classified as a primary irritant effect on the skin.
- Germ cell mutagenicity : No data available
- Carcinogenicity : No data available
- Reproductive toxicity : No data available

- 11.2 Other information** : Not determined.

**SECTION 12. ECOLOGICAL INFORMATION****12.1 Toxicity**

Acute toxicity : No data available  
Chronic toxicity : No data available

**12.2 Persistence and degradability** : No data available

**12.3 Bioaccumulative potential** Biodegradability: < 60 %, 28 d, i.e. not readily degradable Method: OECD Test Guideline 301 D.  
Studies on a comparable product.

**12.4 Mobility in soil** : Do not allow product to reach ground water, water bodies or sewage system.  
General information: Water hazard class: WGK 1, weak.

**12.5 Results of PBT & vPvB assessment:** This substance/mixture does not contain any components classified as either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects** : No data available

**SECTION 13. DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment procedures** : Dispose of in accordance with applicable international, national and local laws, regulations and bylaws. For disposal within the EC, use the appropriate code according to the European Waste Catalogue (EWC).

**SECTION 14: TRANSPORT INFORMATION**

**14.1 Land transport (ADR/RID)** : Not dangerous goods

**14.2 Goods on inland waterways (ADN)** : No dangerous goods

**14.3 Sea transport (IMDG)** : No dangerous goods

**14.4 Air transport (ICAO-TI / IATA-DGR)** : No dangerous goods.

**14.5 Packing group** : No dangerous goods. APEO FREE!

**14.6 Environmental hazards** : None known.

**14.7 Transport in bulk according to Annex II of the MARPOL Convention and according to the IBC Code.**  
None known.

**SECTION 15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/specific legislation for the substance or mixture**

REACH (EC 1907/2006)

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances.  
inapplicable

**Water hazard class (Germany)**

WGK 1 : Slightly hazardous to water  
Classification according to AwSV, Annex 1 (5.2)

**15.2 Chemical safety assessment** : A chemical safety assessment has not been carried out for this substance/mixture or its components.

**SECTION 16: OTHER INFORMATION**

The information is based on the present state of our knowledge but does not constitute a guarantee of product properties and does not establish a contractual legal relationship. The information in this safety data sheet complies with national and EU legislation. The product must not be used for any purpose other than

that stated in chapter 1 without written permission. The user is responsible for compliance with all necessary legal requirements.

#### 16.1 Relevant phrases

EUH 208: Contains (name of sensitising substance). May cause an allergic reaction.

H317: May cause an allergic skin reaction.

#### 16.2 Waiver of rights / disclaimer

This leaflet is based on intensive development work and many years of practical experience. The content does not express a contractual legal relationship but serves as a guide.

No guarantee is given for correctness and completeness. The supplier is not liable for any damage caused using or contact with the product. The processor/buyer is not released from the obligation to check the product for suitability for the intended application. Furthermore, our ABG apply.

**16.3 Further information:** **Classification according to Regulation (EC) No 1272/2008 [CLP].**

#### 16.4 Abbreviations and acronyms

ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS	Chemicals Abstract Service
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
GefStoffV	Ordinance on Hazardous Substances (Germany)
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
IATA	International Air Transport Association

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