

conforming to EC no. 1272/200

Revision date 2019-09-12

Revision number 2

01 - IDENTIFICATION OF SUBSTANCE

1.1. Product identifier

Trade name : HW02 Fire protective varnish

Version number: -

1.2. Relevant identified uses of the mixture and uses advised against

1.2.1. Relevant identified uses

Uses of the product: Fire protective water borne varnish for wood and wood related substrates

1.2.2. Uses advised against: Not relevant

1.3 Supplier of data sheet:

Scandinavian Trading Ltd
Unit 2, Glen Court, Canada Road, Byfleet, KT14 7JL, UK
Tel: +44 (0)1932 354293
www.scandinaviantrading.co.uk

1.4 Emergency telephone number: Follow local rules. Emergency number in Europe: 112

02 - HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture: -

2.2. Label elements:



EUH208: Contains 1,2-Benzisothiazol-3(2H)-one and 2-methylisothiazol-3(2H)-one. May cause an allergic reaction.

2.3. Other hazards:

Not hazardous if used as intended

03 - COMPOSITION/ INFORMATION ON INGREDIENTS

3.1/2. Substance/Mixture:

Aqueous dispersion of a polymer systems with non-hazardous fire retardant and intumescent additives.

Chemical name	CAS No.	%	Hazard phrases
1,2-Benzisothiazol-3(2H)-one	2634-33-5	< 0.05%	H317
2-methylisothiazol-3(2H)-one	2682-20-4	< 0.0015%	H317

3.3. Additional information: -

04 - FIRST AID MEASURES

4.1. Description of first aid measures.

- inhalation :** Remove the casualty to fresh air. Obtain medical attention if difficulties persist.
- skin contact:** Remove contaminated clothing and wash contaminated skin thoroughly with water. Obtain medical attention if symptoms develop.
- eye contact:** Wash immediately with copious amounts of water. Seek medical attention if irritation persists.
- ingestion:** If ingested in large amounts then seek medical attention – show the physician this data sheet

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

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4.3. Indication of any immediate medical attention and special treatment needed.

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05 - FIREFIGHTING MEASURES

5.1 Extinguishing media.

Select extinguishing agent appropriate for other materials involved.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture:

None known.

5.3 Advice for firefighters:

Wear appropriate protective clothing and suitable breathing apparatus.

06 - ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

Wear appropriate protective clothing and ensure standard good working industrial practice.

6.2. Environmental precautions:

Try to prevent the material entering drains or watercourses. Advise Authorities if spillage has entered watercourse or sewer or has contaminated soil or vegetation. Dilute as much as possible with water and notify authorities immediately.

6.3. Methods and material for containment and cleaning up:

Contain and absorb using earth, sand, cloth or other inert absorbent material.

07 - PRECAUTIONS FOR SAFE HANDLING

7.1 Precautions for safe handling:

Wear appropriate protective clothing. Adequate ventilation should be provided if there is risk of mist or aerosol formation.

7.2. Conditions for safe storage, including any incompatibilities:

Store in closed containers between + 5°C and + 30°C in dry conditions. Avoid extremes of temperature. Protect from freezing. Normal ventilation is adequate

7.3. Specific end uses:

Product is intended for use as described in section 1.2

08 - EXPOSURE CONTROLS /PERSONAL PROTECTION

- 8.1. Control parameters** -
- Occupational exposure limits TWA** -
(Time Weighted Average):
- DNEL / PNEC:** -
- 8.2 Exposure controls:**
- Appropriate technical measures:** Provide adequate ventilation, especially if applied by spraying.
- General information / hygiene measures:** Wash hands if needed after use.
- Measures to avoid environmental exposure:** Avoid spills into local waterways.
- Personal protective equipment:**
- Respiration protection:** Not normally required, use in case of insufficient exhaust ventilation or prolonged exposure.
- Hand protection:** Wear impermeable nitrile or rubber gloves.
- Body protection:** Wear suitable overalls. Wash off any splashes immediately.
- Eye Protection:** Wear safety goggles.

09 - PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	Varnish like liquid	Density:	1.06 - 1.12 g/cm ³
Colour:	Cloudy - dries clear	Freezing point:	ca 100°C
Odour:	Low odour	Evaporation rate:	-
pH (as supplied):	7-9	Auto-ignition temperature:	not applicable
Viscosity:	-	Explosive limits	not applicable
Flash point:	not applicable	Solubility in water:	Miscible
Boiling point:	ca 100°C	Partition coefficient: (N-octanol/water)	not applicable
Vapour pressure:	not applicable		

9.2 Other information: -

10 - STABILITY AND REACTIVITY

- 10.1. Reactivity:** -
- 10.2 Chemical stability:** Stable under normal conditions.
- 10.3. Possibility of hazardous reactions:** No hazardous reactions when stored and handled to prescribed instructions.
- 10.4 Conditions to avoid:** Avoid extremes of temperature especially frost and freezing conditions.
- 10.5 Incompatible materials:** -
- 10.6 Hazardous decomposition products:** No decomposition if stored and applied as directed. Thermal decomposition may generate oxides of carbon and phosphorus..

11 - TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects -

12 - ECOLOGICAL INFORMATION

12.1 Toxicity -

12.2 Persistence and degradability: -

12.3 Bioaccumulative potential: -

12.4 Mobility in soil: -

12.5 Result of PBT and vPvB assesment: -

12.6 Other adverse effects: -

13 - DISPOSAL CONSIDERATIONS

13.1 Waste tratment methods: 08 01 11* waste paint and varnish containing organic solvents or other hazardous substances. The EAL-code is for guidance only. Always check the waste disposal code for the applied status of the product in this Safety Data Sheet. Final EAL-code is decided by the use of the product. Must be disposed of in accordance with local and national regulations.

Contaminated packing: 15 01 04 metallic packaging. Empty tins can, after cleaning, be recycled in accorcance with local regulations

14 - TRANSPORT INFORMATION

14.1 UN number This product is not classified as dangerous goods under the United Nations Transport Recommendations.

14.2 UN proper shipping name -

14.3 Transport hazard class(es) Not regulated for transport.

14.4 Packing group Not regulated for transport.

14.5 Environmental hazards - MP: Not regulated for transport.

14.6 Special precautions for user: Not regulated for transport.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: -

Futher information: Dispatch by post permitted.

15 - REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/ legislation specific for the substance of mixture No classification required according to directive 67/548/EEC, Directive 1999/45/EC and further amendments and adaptations. Water Hazard Class (Ger.): 2 (according to VwVwS, 17.05.1999)

15.2 Chemical Safety Assessment: -

16 - OTHER INFORMATION

Recommended use: Decorative coating with fire retardant properties.

Further information: Consult technical data sheet.
P102 - Keep out of reach of children.
P103 - Read label before use
P260 - Avoid breathing dust/fumes/gas/mist/vapours/spray.

Hazard statements from heading 3: H317 May cause an allergic skin reaction

Additional information: The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of the EU regulations. The product should not be used for purposes other than those shown in section 1 without first referring to Scandinavian Trading Ltd and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. This information contained in the safety data sheet is based on present knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.