

WALLSHIELD COATING 3824

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Detail : Wallshield coating 3824
Application of the substance / the preparation: Electrically conductive priming coats and additives.
Manufacturer / supplier: Holland Shielding Systems B.V.
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the Netherlands
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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Directive 67/548/EEC or 1999/45/EC and Regulation (EC) No 1272/2008 (GHS)

No hazardous substance or mixture.

2.2 Label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Ingredients: Water, natural graphite, pure acrylics dispersion, carbon black, additives, preservation.

CAS: 3811-73-2 EG: 223-296-5	Pyridin-2-thiol-1-oxid, Natriumsalz	
	Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 2, H411 Acute Tox. 4, H302 Acute Tox. 4, H332	< 0,0034 %
CAS: 2634-33-5 EG: 220-120-9 INDEX: 613-088-00-6 REG: 01-2120761540-60	1,2-Benzisothiazol-3(2H)-on	
	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	< 0,0069 %
Does NOT contain any nanoform particles.		



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4. FIRST AID MEASURES

4.1 General

In all cases of doubt, or when symptoms persist, seek medical attention. Immediately remove all contaminated clothing.

4.1.1 After inhalation

When symptoms persists, take the casualty into the fresh air and keep warm. Call a doctor, should the air passages be affected.

4.1.2 After skin contact

Wash away with soap and water and rinse. Do NOT use solvents or thinners. Take off immediately all contaminated clothes.

4.1.3 After eye contact

Remove contact lenses, keep eyelids open. Rinse open eye immediately with plenty of running water. Seek medical advice if complaint continues.

4.1.4 After ingestion

Keep at rest. Do not induce vomiting. Drink water in small draught. When swallowed immediately consult and show packing or label to physician.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any medical attention and special treatment needed

None.

5. FIREFIGHTING MEASURES

5.1.1 Suitable extinguishing media

This products are not flammable. In case of a fire extinguish surroundings as indicated.

5.1.2 Unsuitable extinguishing media

None known.

5.2 Special hazards arising from the substance or mixture

None known.

5.3 Advice for firefighters

None.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed in sections 7 and 8. The product produced in combination with water slippery surfaces.

6.2 Environmental precautions

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations. Holding polluted washing water back and disposing of duly.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Remove residue by rinsing thoroughly with water. Thoroughly clean contaminated objects and floors and observe environmental regulations.

6.4 Reference to other sections

None.

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7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special measures necessary in the case of regulation storage and handling. Ensure a good ventilation in room and working area. Comply with the health and safety at work laws. Phrase P102: Keep out of reach of children. Phrase P103: Read label before use.

7.2 Conditions for safe storage, including any incompatibilities

This products are not flammable. Store in accordance with local regulations.

7.2.1 Hints on storage assembly

Keep away from: Alkali (lye), acid, oxidising agent. Storage class : 12.

7.2.2 Further information on storage conditions

Observe label and technical data sheet

precautions. Keep only in the original container in a cool, well-ventilated place. Protect against Heat. Frost. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)

Basic coatings interior and exterior.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters, occupational exposure limit values

Informations on occupational exposure to RCP method TRGS 900 (D).

Limit value type (country of origin) : TRGS 900 (D). Limit value : Not relevant.

8.2 Personal protective equipment

Avoid contact with eyes and skin. Immediately remove all contaminated clothing. Do not eat or drink during work- no smoking. Wash hands before breaks and after work.

8.2.1 Respiratory protection

Breathing protection equipment is not required at brush or roll application. Do not breathe spray. By spraying: Use filter mask P2 (white).

8.2.2 Hand protection

At use as agreed a protective gloves from nitrile rubber with a material thickness 0.4 mm has to be used. Notes of the manufacturer have to be taken into account. Penetration time of the glove material: ≥ 8 h. By longer or repeated contact the penetration times can be considerably shorter. The protective gloves should be replaced after the first wear out or a damage of the gloves. Gloves of cotton should be used under the gloves of polychloropren or nitrile rubber. After washing hands replace lost skin fat by fat containing skin creams.

8.2.3 Eye protection

Use protection glasses in case of spattering.

8.2.4 Body protection

Using protective clothing. If the product must be sprayed, use protective clothing.

8.2.5 Environmental exposure controls

See chapter 7. No additional measures necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

	Appearance
Form	Liquid
Colour	According to product specification
Odour	Characteristic
Odour threshold	Not determined
Boiling temperature	Not applicable



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Flash point	Not applicable
Ignition temperature	Not applicable
Vapour pressure	Not determined
Density	See data sheet
Solvent separation test	Not applicable
Solvent content	0 %.
pH value	8.
Viscosity	Liquid, see data sheet.
VOC value	Max. 0.2 g/l.
Explosives	Not applicable
Oxidizing properties	Not applicable
Flammability (liquids)	Not flammable

10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangers connected by a possible reactivity of the product are known to proper handling and storage.

10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3 Possibility of hazardous reactions

No dangerous reactions are known if stored and handled correctly.

10.4 Conditions to avoid

Keep away from frost, heat and direct sunlight.

10.5 Incompatible materials

No dangerous reaction known. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.6 Hazardous decomposition products

No dangerous decomposition product are known if stored and handled correctly. When exposed to high temperatures or in case of fire hazardous decomposition products such as carbon dioxide, carbon monoxide, smoke, nitric oxides or thick, black smoke may produced.

11. TOXICOLOGICAL INFORMATION IN REGULATION (EC) NO 1272/2008

Acute toxicity	Not classified based on available information.
Skin corrosion/irritation	Not classified based on available information.
Serious eye damage/eye irritation	Not classified based on available information.
Skin sensitization	Not classified based on available information.
Respiratory sensitization	Not classified based on available information.
Germ cell mutagenicity	Not classified based on available information.
Carcinogenicity	Not classified based on available information.
Reproductive toxicity	Not classified based on available information.
STOT-single exposure	Not classified based on available information.
STOT-repeated exposure	Not classified based on available information.
Aspiration toxicity	Not classified based on available information.

11.2 Information on other hazards

Endocrine disrupting properties: The substance/ mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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12. ECOLOGICAL INFORMATION

12.1 Toxicity

Pyridin-2-thiol-1-oxid, Sodium salt

M-Factor (Acute aquatic toxicity): 100
M-Factor (Chronic aquatic toxicity): 10

1,2-Benzisothiazol-3(2H)-on:

M-Factor (Acute aquatic toxicity): 1
M-Factor (Chronic aquatic toxicity): 1

12.2 Persistence and degradability

These are not data available.

12.3 Bioaccumulative potential

These are not data available.

12.4 Mobility in soil

These are not data available.

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Additional ecological informations

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Packaging with not dry uped residues have to dropped at official collecting sites. Do not empty into waters or drains. Packaging with dry uped residues can be disposed together with household garbage or building site garbage.

13.1.1 Waste key

Disposal-definition No. (AVV-Code): 08 01 12 Paint and varnish waste with the exception of the ones who come under 08 01 11 *.

13.1.2 Contaminated packaging

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

14. TRANSPORT INFORMATION

14.1 UN number

ADN, ADR, RID, IMDG, IATA

Not regulated as a dangerous good

14.2 UN proper shipping name

ADN, ADR, RID, IMDG, IATA

Not regulated as a dangerous good

14.3 Transport hazard class(es)

ADN, ADR, RID, IMDG, IATA

Not regulated as a dangerous good

14.4 Packing group

ADN, ADR, RID, IMDG, IATA

Not regulated as a dangerous good

14.5 Environmental hazards

ADN, ADR, RID, IMDG, IATA

Not regulated as a dangerous good



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14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

15. REGULATORY INFORMATION

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

REACH - Candidate List of Substances of Very High Concern for Authorization: **This product is a mixture and does not contain Substances of Very High Concern (SVHC) equal or above 0.1%. Therefore no advised uses have to be defined and no chemical safety assessment has to be generated.**

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: **Not applicable.**

Regulation (EU) 2019/1021 on persistent organic pollutants (recast): **Not applicable.**

REACH- List of substances subject to authorisation (Annex XIV): **None.**

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances: **Not applicable.**

Water hazard class (Germany): **WGK 1 slightly water endangering.**

Product code for laquers and paints / Giscode: **M-DF01 Water-based paints, solvent-free.**

Volatile organic compounds : **Directive 2004/42/ EC: < 0.1 %; < 1 g/l**

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this mixture.

16 OTHER INFORMATION

REACH Information: According to our legal obligation we implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). We will adjust and update our safety data sheets on a regular base in accordance with the information of our upstream-suppliers. As usual we will inform you about the adjustments. Regarding to the REACH regulation we would like to point out that DAW as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. It is temporarily possible, that products which have not been sold out of stock have a different label on the packaging compared with the safety data sheets. We appreciate your understanding. The information in the safety data sheet does not guarantee any Product properties and does not establish any contractual legal relationship. The product may only be used in accordance with sections 1 and 7 on this safety data sheet and it has to be used as described on the label and the technical data sheet.

