

NETCOATING
black

Internal code: H1810

Revision date: 28.11.2013

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Chemical name	NETCOATING black
Product type	Paint, glue, varnish, etc.
Replace MSDS of	18.03.2013
Version number	2

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

Uses of the chemical	Impregnating for nets. To be diluted minimum 30%.
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1.3 Details of the supplier of the safety data sheet

Company/undertaking identification	Steen-Hansen AS Ulsmågveien 24 N-5224 Nesttun Norway phone: +47 55 11 62 60 fax: +47 55 11 62 61
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Responsible	Steen-Hansen AS/Britt Hope
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Author	Lena Bruto
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1.4 Emergency telephone number	The National Poisons Information Centre (Norway) +47 22 59 13 00.
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2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture (67/548/EEC and 1999/45/EC)	N/A
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2.2 Label elements	N/A
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R-phrases	Not classified as harmful according to EC regulations.
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S-phrases	S-2 Keep out of reach of children.
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2.3 Other hazards	Not classified as harmful according to EC regulations.
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3. COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures****4. FIRST AID MEASURES****4.1 Description of first aid measures**

Inhalation	Provide fresh air.
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Skin contact	Remove contaminated clothes. Wash with plenty of soap and water.
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Eye contact	Rinse immediately with plenty of water for several minutes (hold eyelids wide apart, remove contact lenses).
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Ingestion	Rinse mouth with water (only if the person is conscious). Drink plenty of water. SEEK MEDICAL ADVICE.
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Medical information	Symptomatic treatment.
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Health control	General health check.
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4.2 Most important symptoms and effects, both acute and delayed	Frequent and/or repeated contact with the skin may cause redness, irritation or ulceration to the skin.
4.3 Indication of any immediate medical attention and special treatment needed	
Additional information	Remove the patient from the polluted area. Remove contaminated clothes immediately. In all cases of doubt, or when symptoms persist, seek medical attention.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media	
Suitable extinguishing media	Extinguish surrounding fires with suitable extinguisher.
5.2 Special hazards arising from the substance or mixture	Not flammable. The product is combustible only when all the water is gone.
5.3 Advice for firefighters	Normal fire-fighting equipment and respiratory protection with fresh air supply is recommended.
Additional information	Containers in the proximity of fire must be moved or water-cooled. Avoid inhalation of smoke from the fire.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	Keep persons and animals away from contaminated area. Use specified safety equipment.
6.2 Environmental precautions	If possible, stop liquid flow. Restrict further spreading. May not come into water outlet, sewer or similar where soil or ground water can be contaminated.
6.3 Methods and material for containment and cleaning up	Absorb with sawdust or similar and collect and deliver to nearest refuse disposal terminal. The waste has to be kept in a labelled container with cover. Clean the area with water, collect the washing water and deliver to refuse disposal terminal.
6.4 Reference to other sections	

7. HANDLING AND STORAGE

7.1 Precautions for safe handling	In the case of normal handling, no protective measures are needed. Avoid waste when pouring into another container.
7.2 Conditions for safe storage, including any incompatibilities	Store frost proof, dry and in closed packing. Temperature 5-40 °C. Avoid extreme temperatures and direct sunlight.
Special precautions	Volatile matters may be accumulated in the container during the storage.
7.3 Specific end use(s)	
Other information	Avoid inhalation from vapours when opening containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
8.2 Exposure controls	
Exposure controls	Ensure that all containers are properly labelled to prevent accidental ingestion or improper disposal. Common sense and security regulations shall always be used with usual handling of chemicals. Provide good personal hygiene. Sufficient general and local ventilation.
	Industrial hygiene: Wash hands before eating, drinking, smoking or using the toilet. Be accurate regarding the cleanness. Remove filthy clothes immediately/wash them thoroughly before re-using them. Take a shower after work, use plenty of soap and water.
Respiration protection	When spraying use type P3/A2 breathing equipment or fresh-air mask.
Eye protection	Avoid contact with the eyes. Wear goggles when there is a danger of splashing. Tight-fitting safety goggles or face mask. Equipment for eye washing must be available, preferably also a shower.
Hand protection	Use rubber or plastic gloves.
Skin protection	Working clothes. If there is risk of direct contact or splashing, protective clothing must be worn. Remove contaminated clothing to avoid skin contact. Protection cream may help to protect exposed skin area, but can not replace gloves.

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Additional information Protective equipment must be controlled and cleaned regularly.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form	Liquid.
Colour	Black
Odour	Sweetish.
pH - conc.	6-7
Boiling point	ca 100 °C
Specific gravity	1,03 ± 0,02 g/cm ³
Solubility	Partly soluble in water.
Solubility water	Partly soluble.
Viscosity	1 ± 0,2 P

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

10.4 Conditions to avoid

10.5 Incompatible materials Not known.

10.6 Hazardous decomposition products None when the product is handled according to regulations.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Inhalation Inhalation of vapour or spray may cause irritation to the respiratory tract.

Skin contact Long-term and/or repeated skin contact can cause dry and rough skin.

Eye contact Splashes in the eye can cause a burning sensation. May cause mechanical irritation.

Ingestion The product may cause stomach problems. My cause nausea with overexposure.

Chronical effects Not known.

Sensitization Not known.

Mutagenicity Not known.

Cancer Not known.

Reproduction Not known.

Additional information According to present knowledge and available information this product is not considered as harmful.

12. ECOLOGICAL INFORMATION

12.1 Toxicity No results from ecological tests available. Still all precautions ought to be taken to avoid uncontrolled spill to the environment.

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil The product is liquid.

12.5 Results of PBT and vPvB assessment This product is not itself and does not contain a PBT or vPvB.

12.6 Other adverse effects

Additional information Netcoating, black, is registrated with Debio (Norwegian Ecological Certification Body) as safe for ecological production (EU Council Regulation 2092/91).

13. DISPOSAL CONSIDERATIONS

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13.1 Waste treatment methods

Disposal group

Treat as not dangerous industrial waste.

Additional information

Minor amounts have to be absorbed in paper towels o.s., let evaporate on a safe place or burn the paper in secure distance from combustible material. Large quantities must be delivered to nearest terminal for destruction. Empty containers can, after cleaning, be used as filling compound. Equipment can be washed with water and ordinary detergent. At larger amounts of spill contact relevant authorities.

14. TRANSPORT INFORMATION

14.1 UN number

14.2 UN proper shipping name

N/A

14.3 Transport hazard class(es)

N/A

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

Additional information

Not dangerous goods with regards to transport regulations.

15. REGULATORY INFORMATION

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

15.2 Chemical safety assessment

Additional information

The MSDS are according to Norwegian and EU classifications.

16. OTHER INFORMATION

Key literature references and sources for data

Information from manufacturer and raw material supplier.

Abbreviations in the document

N/A - No relevant information

First released

18.03.2013

Printed date

28.11.2013

Additional information

This Safety Data Sheet is made according to our present knowledge, Norwegian regulations and information from the manufacturer. As the users working condition is out of our control, it would be the users responsibility to take the necessary precautions. The information are given only for the material indicated here, and applies not in connections with use of any other. The information shall not be seen as a guarantee or quality specification. The product is only intended for industrial use.

--- SAFETY DATA SHEET conforming to commission regulation 67/548/EEC, 1999/45/EC and (EU) No 453/2010 of 20. May 2010
