



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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RheoFalt HP-AM

Revision 1

Revision date 2018-06-29

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	RheoFalt HP-AM
CAS No.	8007-24-7
EC No.	232-355-4

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

Description	Mixture of natural resins.
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1.3. Details of the supplier of the safety data sheet


Company	Ventraco Innovation Centre B.V.
Address	Asterweg 121 1031 HM Amsterdam The Netherlands
Web	www.rheofalt.com
Telephone	+31 (0)20-3417882
Email	info@rheofalt.com
Email address of the competent person	teijkenboom@rheofalt.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Acute Tox. 4: H302+H312; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318;
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2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Dam. 1: H318 - Causes serious eye damage.
Precautionary Statement: Prevention	P103 - Read label before use. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ see section [] for further information., 4.1. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Precautionary Statement: Disposal	an approved waste disposal plant (in accordance with local/regional/national/international regulation).

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2.2. Label elements

	P501 - Dispose of contents/container to
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2.3. Other hazards

Other hazards	Skin Sens. 1: H317 - May cause an allergic skin reaction. Skin Irrit. 2: H315 - Causes skin irritation.
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SECTION 3: Composition/information on ingredients

3.1. Substances

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
RheoFalt HP-AM		8007-24-7	232-355-4			Acute Tox. 4: H302+H312; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Dam. 1: H318;	

Hazardous ingredients

	Non hazardous.
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Description

	Direct thermal polymerized natural resins (non "442").
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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	In case of accident by inhalation: remove casualty to fresh air and keep at rest.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Immediate medical attention is required.
Skin contact	May cause irritation to skin. Rub contaminated skin with Vaseline, then rinse with plenty of water and oily soap.
Ingestion	Immediate medical attention is required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon dioxide (CO2). Dry chemical. Foam. Water spray. Cool fire exposed containers with waterspray.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Keep personnel away from spill.
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6.2. Environmental precautions

	Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Do not let product contaminate subsoil.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. chalk. Sweep up.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Open container carefully. Specific use.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep container tightly closed and in a well-ventilated place. Store in a cool, dry area. Store in
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7.2. Conditions for safe storage, including any incompatibilities

	correctly labelled containers.
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7.3. Specific end use(s)



	Specific use.
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Suitable packaging

	Mild steel containers. Plastic containers. Suitable packaging.
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SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.2. Individual protection measures Eye / face protection Skin protection - Handprotection 8.2.3. Environmental exposure controls	 
	Wear protective clothing. Wash all contaminated clothing before reuse.
	safety glasses with side-shields.
	Rubber gloves.
	Do not allow product to enter drains. Do not let product contaminate subsoil.

Further information

	Keep away from food, drink and animal feedingstuffs.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Brown
Odour	Characteristic
pH	11.3
Flash point	201 °C
Vapour pressure	Not determined
Vapour density	Not determined
Autoignition temperature	Not applicable.
Viscosity	≈ 1500 mPas (Cone & Plate)
Solubility	Insoluble in water

9.2. Other information

Specific gravity	≈ 1
Total Solids	> 99 g/l
Benzene Content	0 %
Lead content	0 %
VOC (Volatile organic compounds)	0 g/liter (NEN EN gram / liter)

SECTION 10: Stability and reactivity

10.1. Reactivity

	Stable under normal conditions.
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10.2. Chemical stability

	Non hazardous. Stable under normal conditions.
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10.3. Possibility of hazardous reactions

No Significant Hazard.

10.6. Hazardous decomposition products

Will not decompose if stored and used as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Respiratory or skin sensitisation	May cause sensitisation by skin contact.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.

11.1.4. Toxicological Information

RheoFalt HP-AM	Oral Rat LD50: 500	Dermal Rabbit LD50: >2000
	No data is available on this product.	

SECTION 12: Ecological information

12.1. Toxicity

RheoFalt HP-AM	Green Algae EC50/48h: 1300
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12.2. Persistence and degradability

Insoluble in water. More than 90% biodegradable.

12.3. Bioaccumulative potential

Does not bioaccumulate.

Further information

No known adverse environmental effects.

SECTION 13: Disposal considerations

General information

Can be incinerated if in compliance with local and national regulations. Dispose of in compliance with all local and national regulations. Do not empty into drains.

Disposal methods

Contact a licensed waste disposal company.

Disposal of packaging

Containers can be recycled if in compliance with local and national regulations. Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

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14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	The product is not classified as dangerous for carriage.
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ADR/RID

	The product is classified as non hazardous.
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IMDG

	The product is classified as non hazardous.
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IATA

	This product is not flammable. The product is classified as non hazardous.
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Further information

	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information

Further information

	See section 7. HANDLING AND STORAGE for further information.
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SECTION 16: Other information

Other information

Revision	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy.
Text of risk phrases in Section 3	Text of risk phrases in Section 3.
Restricted use	Restricted use.
Print date	Print date.
Maximum content of VOC	0 g/liter (NEN EN gram / liter).