

KEFA SAFETY DATA SHEET



GrafoTherm® Environment Quality

In accordance with EC Regulation no. 1907/2006 (REACH) Annex II.

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY.

Product Name and/or Code: **GrafoTherm® Environment Quality**
Art.No. 8038

Intended use : Anti-condensation paint

Name, full address and telephone number of company:

KEFA DRYTECH AB
Box 27
SE-642 21 FLEN
Tel: +46-157-13970
Fax: +46-157-12793
E-mail: info@kefa.se

Emergency telephone number of the company: +46-157-13970 (Office time only)

2. HAZARDS IDENTIFICATION.

This preparation is not classified as dangerous according to EC Directive 1999/45/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS.

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

CAS no/Eincs no	Name of ingredient	Concentration	Warning symb.	R-phrases
2634-33-5/ 220-120-9	1,2-benzisothiazol-3(2H)-one	<50 ppm	X _n , N	R22-38-41-43-50
2682-20-4/ 220-239-6	2 -methyl-4 isothiazol-3-one	<50 ppm	T, C, N	R22-23-34-43-50
26530-20-1/ 247-761-7	2-octyl-2H-isothiazol-3-one	< 15 ppm	T, N	R22-23/24-34-50/53
886-50-0/ 212-950-5	Tertbutryn (ISO)	< 25 ppm	N	R50/53
52-51-7/ 200-143-0	Bronopol (INN)	< 0,02 %	X _n , N	R21/22-37/38-41-50

4. FIRST AID MEASURES.

General :

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation :

Remove to fresh air, keep patient warm and at rest.

Eye contact :

Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

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Skin contact :

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do **NOT** use solvents or thinners.

Ingestion :

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do **NOT** induce vomiting.

5. FIRE-FIGHTING MEASURES.

Extinguishing Media : recommended : alcohol resistant foam, CO₂, powders, water spray
not to be used : water jet.

Recommendations : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.
Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water-courses.

6. ACCIDENTAL RELEASE MEASURES.

Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8. 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). Do not allow entering drains or watercourses.

Clean preferably with a detergent; avoid use of solvents.

If the product contaminates lakes, rivers or sewers, inform appropriate authorities in accordance with local regulations.

7. HANDLING AND STORAGE.

Handling.

Avoid skin and eye contact.

Avoid the inhalation of dust, particulate and spray mist arising from the application of this preparation.

Smoking, eating and drinking should be prohibited in application area.

Comply with the health and safety at work laws.

Always keep in containers of same material as the original one.

For personal protection see Section 8.

Storage.

Store between 5 and 25 °C in a dry, well-ventilated place away from sources of heat and direct sunlight.

Keep away from oxidising agents, from strongly alkaline and strongly acid materials.

No smoking. Containers, which are opened must be carefully resealed and kept upright to prevent leakage.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

Engineering Measures.

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

Personal Protection.

Respiratory protection:

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

Hand protection:

For prolonged or repeated contact, use gloves made of PVC, PE, rubber etc.

Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Eye protection:

Use safety eyewear designed to protect against splash of liquids.

Skin protection:

Personnel should wear anti-static clothing, made of natural fibre or of high temperature resistant synthetic fibre.

9. PHYSICAL AND CHEMICAL PROPERTIES.

physical state : High-viscous white or grey compound

flash point : - Method :

viscosity : Approx. 6 Pas Method : Brookfield viscometer

specific gravity : 1050 kg/m³ Method : Pycnometer

vapour density : Heavier than air

lower explosion limit :

solubility in water :Dilatable with water.

10. STABILITY AND REACTIVITY.

Stable under recommended storage and handling conditions (see section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

11. TOXICOLOGICAL INFORMATION.

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There are no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and not classified.

Inhalation:

Small risks if inhalation of spray is avoided.

Skin contact:

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Eye contact:

The liquid splashed in the eyes may cause irritation and reversible damage.

Ingestion:

May cause vomiting, stomach pain and other symptoms similar to inhalation of vapour.

12. ECOLOGICAL INFORMATION.

There are no data available on the preparation itself.

The product should not be allowed to enter drains or watercourses.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details.

13. DISPOSAL CONSIDERATIONS.

Do not allow into drains or watercourses.

Dispose of in accordance with local and national regulations.

Liquid waste of the product has EWC-code (European Waste Catalogue) 08 01 12 alt. 20 01 28

14. TRANSPORT INFORMATION.

Transport only in accordance with ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

Not ADR/RID
regulated
Not IMO
regulated
Not IATA
regulated.

The product is sensitive to frost (< 0 °C)

15. REGULATORY INFORMATION.

This preparation is not classified as dangerous according to EU Directive 1999/45/EC.
P 101 Safety data sheet available for professional user on request.

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16. OTHER INFORMATION.

Full text of R-phrases with no. appearing in section 3 :

R 21/22 Harmful in contact with skin and if swallowed

R 23/24 Toxic by inhalation and in contact with skin

R 34 Causes burns

R 37/38 Irritating to the respiratory system and to the skin

R 41 Risk of serious damage to eyes

R 43 May cause sensitisation by skin contact.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Items in the SDS that have been changed since last issue: 3, 16

The information of this SDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product. It is not to be considered as a guarantee of the products' properties.
