

TROVEXBOND MS

according to 1907/2006/EC, Article 31

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. PRODUCT IDENTIFIER

Trade name: Trovexbond MS

Article number: R038045-00

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

No further relevant information available.

Application of the substance / the mixture: Sealant

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Manufacturer/Supplier: Trovex

Innova House

Rash's Green, Dereham

Norfolk, NR19 1JG

Tel: 01707 254 170

Fax: 01707 254 171

sales@trovex.com

Informing department:

Abteilung: C-U Qualitäts- und Umweltmanagementcenter

(department: C-U Quality- and Environmentalmanagementcenter)

Tel.: +49 (0)6331/56-2553; Fax.: +49 (0)6331/56-1091

1.4. EMERGENCY TELEPHONE NUMBER

Emergency Telephone: NHS:111 Trovex: +44 01707 254 170 (Monday - Friday: 7.30am - 4.30pm)

Bei Vergiftungen: (in case of poisoning:)

GBK-EMTEL International

Tel.(24h): +49(0)6132/84463 (all languages)

Bei Transportunfällen: (in case of transport accidents:)

Tel.(24h): (001) 352 323 3500 (Infotrac - Contract ID: 90373 / GBK)

SECTION 2: HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification according to Regulation (EC) No 1272/2008:

The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Not applicable.

2.2. LABEL ELEMENTS

Labelling according to Regulation (EC) No 1272/2008: Void

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

2.3. OTHER HAZARDS

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

TROVEXBOND MS

according to 1907/2006/EC, Article 31

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1. CHEMICAL CHARACTERISATION: MIXTURES****Description:** Mixture of several substances.**Dangerous components:**

CAS: 28553-12-0 EINECS: 249-079-5 Reg.nr.: 01-2119430798-28-xxxx	di-"isononyl" phthalate substance with a workplace exposure limit	10-20%
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SVHC: Doesn't contain SVHC-substances**SECTION 4: FIRST AID MEASURES****4.1. DESCRIPTION OF FIRST AID MEASURES****After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** Treat affected skin with cotton wool or cellulose. Then wash and rinse thoroughly with water and a mild cleaning agent.**After eye contact:** Rinse opened eye for several minutes under running water. Then consult doctor.**After swallowing:** Call a doctor immediately.**4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

No further relevant information available.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No further relevant information available.

SECTION 5: FIREFIGHTING MEASURES**5.1. EXTINGUISHING MEDIA****Suitable extinguishing agents:**

Water spray

Alcohol-resistant foam

Fire-extinguishing powder

Carbon dioxide

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Formation of toxic gases is possible during heating or in case of fire.

5.3. ADVICE FOR FIREFIGHTERS**Protective equipment:** Wear self-contained respiratory protective device.**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Ensure adequate ventilation.

6.2. ENVIRONMENTAL PRECAUTIONS

Do not allow to enter sewers/ surface or ground water.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Pick up mechanically.

TROVEXBOND MS

according to 1907/2006/EC, Article 31

6.4. REFERENCE TO OTHER SECTIONS

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING USE ONLY IN WELL VENTILATED AREAS

Information about protection against explosions and fires: No special measures required.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage:

Requirements to be met by storerooms and receptacles: Prevent any seepage into the ground.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Protect from frost.

Keep receptacle tightly sealed.

Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

Store in dry conditions.

Storage class (according german VCI-concept): 10

7.3. SPECIFIC END USE(S)

No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems: No further data; see item 7.

8.1. CONTROL PARAMETERS

Components with limit values that require monitoring at the workplace:

28553-12-0 di-"isononyl" phthalate

WEL (Great Britain) Long-term value: 5 mg/m³

Additional Occupational Exposure Limit Values for possible hazards during processing:

67-56-1 methanol

WEL (Great Britain)	Short-term value: 333 mg/m ³ , 250 ppm Long-term value: 266 mg/m ³ , 200 ppm Sk
IOELV (European Union)	Long-term value: 260 mg/m ³ , 200 ppm Skin

8.2. EXPOSURE CONTROLS

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures should be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of the work.

Breathing equipment: Not required.

Protection of hands: Protective gloves recommended if direct contact (with the product) may occur.

Material of gloves: Nitrile rubber, NBR (0,12 mm)

Penetration time of glove material: Value for the permeation: Level ≤ 10 min

Eye protection: Safety glasses recommended if direct contact (with the product) may occur.

TROVEXBOND MS

according to 1907/2006/EC, Article 31

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance:

Form: Pasty

Colour: White

Odour: Characteristic

Change in condition:

Boiling point/Boiling range: Not applicable

Flash point: > 100 °C

Explosion limits:

Lower: Not determined

Upper: Not determined

Vapour pressure at 20 °C: < 100 mbar

Specific gravity at 20 °C: 1.44 g/cm³

Solubility in / Miscibility with

Water: Insoluble

Solvent content:

VOC (EU): 0.3 g/l

VOC (EU): 0.02 %

VOC (CH): 0.02 %

9.2. OTHER INFORMATION

No further relevant information available.

SECTION 10: STABILITY AND REACTIVITY

10.1. REACTIVITY

10.2. CHEMICAL STABILITY

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

Reacts with acids

Reacts with strong oxidizing agents

10.4. CONDITIONS TO AVOID

No further relevant information available.

10.5. INCOMPATIBLE MATERIALS

No further relevant information available.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

In case of fire, the following substance(s) may occur: Nitrogen oxides

Contact with water (or air humidity) liberates minor quantities of: Methanol

TROVEXBOND MS

according to 1907/2006/EC, Article 31

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity:

Primary irritant effect:

on the skin: Prolonged or repeated contact with the skin may cause skin irritation

SECTION 12: ECOLOGICAL INFORMATION

12.1. TOXICITY

Aquatic toxicity: No further relevant information available.

12.2. PERSISTENCE AND DEGRADABILITY

No further relevant information available.

12.3. BIOACCUMULATIVE POTENTIAL

No further relevant information available.

12.4. MOBILITY IN SOIL

No further relevant information available.

Additional ecological information:

General notes: Do not allow product to reach ground water, water course or sewage system.

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

PBT: Not applicable.

vPvB: Not applicable.

12.6. OTHER ADVERSE EFFECTS

No further relevant information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

Recommendation: Disposal in accordance with official regulations

EWC-Code(s):

To be treated as industrial waste: do not dispose of in or on soil, in watercourses or bodies, or through a sewage system. These EU refuse code numbers are recommendations for waste accruing through the use of adhesives and sealants. Any waste produced from organic solvents or other dangerous substances listed under item 3 of this safety datasheet is itself classified as dangerous (*).

Waste accruing during application:

080409* waste adhesives and sealants containing organic solvents or other dangerous substances

080410 waste adhesives and sealants other than those mentioned in 080409

Waste accruing during cleaning:

08 04 11* adhesive and sealant sludges containing organic solvents or other dangerous substances

08 04 12 adhesive and sealant sludges other than those mentioned in 080411

Soiled waste packaging:

15 01 10* packaging containing residues of or contaminated by dangerous substances.

TROVEXBOND MS

according to 1907/2006/EC, Article 31

Clean waste packaging:

15 01 01 paper and cardboard packaging
15 01 02 plastic packaging
15 01 04 metallic packaging

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: TRANSPORT INFORMATION

14.1. UN-NUMBER

ADR, ADN, IMDG, IATA: Void

14.2. UN PROPER SHIPPING NAME

ADR, ADN, IMDG, IATA: Void

14.3. TRANSPORT HAZARD CLASS(ES)

ADR, ADN, IMDG, IATA

Class: Void

14.4. PACKING GROUP

ADR, IMDG, IATA: Void

14.5. ENVIRONMENTAL HAZARDS:

Marine pollutant: No

14.6. SPECIAL PRECAUTIONS FOR USER

Not applicable.

14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

Not applicable.

UN "Model Regulation": -

SECTION 15: REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

No further relevant information available.

15.2. CHEMICAL SAFETY ASSESSMENT

A Chemical Safety Assessment has not been carried out.

SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

For industrial use only.

Department issuing MSDS:

TROVEXBOND MS

according to 1907/2006/EC, Article 31

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)

VOC: Volatile Organic Compounds (USA, EU)

* Data compared to the previous version altered.