

Safety Data Sheet

according to 1907/2006/EC, Article 31



Printing date 11.05.2010

Revision: 11.05.2010

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** Tremco OS111
- **MSDS number:** 4505002
- **Application of the substance / the preparation** Adhesives
- **Manufacturer/Supplier:**
Tremco illbruck Productie B.V.
Vlietskade 1032
4241 WC Arkel
The Netherlands
Telephone: +31 (0) 183-56-8000
Telefax: +31 (0) 183-56-8100
Website: www.tremco-illbruck.com
E-Mail: info-nl@tremco-illbruck.com
- **Further information obtainable from:** R & D Laboratory
- **Information in case of emergency:**
During office hours tel.: +31 (0) 183-56-8000. At all other times please contact your national poisoning centre.

2 Hazards identification

- **Hazard description:** Flammable.
- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
R 10 Flammable.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 123-86-4	n-butyl acetate	R 10-66-67	10-25%
EINECS: 204-658-1			

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First-aid measures

- **General information:** Consult doctor in case of persisting complaints.
- **After inhalation:** Supply fresh air; consult doctor in case of persisting complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
Fire-extinguishing powder
Sand
Foam
Carbon dioxide (CO₂)

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· **Special hazards caused by the substance, its products of combustion or resulting gases:**

Carbon monoxide (CO)
Carbon dioxide (CO₂)
Nitrogen oxide (NO_x)

· **Protective equipment:**

Cool down endangered containers until well after the fire has been extinguished.
Mount respiratory protective device and wear protective equipment.

· **Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- **Handling:**
- **Information for safe handling:** Observe the general safety regulations when handling chemicals.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Protect from heat and direct sunlight.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

· **Ingredients with limit values that require monitoring at the workplace:**

123-86-4 n-butyl acetate (10-25%)

WEL	Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 ppm
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- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

- **Material of gloves**

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The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

· **General Information**

Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

· **Flash point:** > 37°C

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Density at 20°C:** 1.3 g/cm³

· **Solubility in / Miscibility with water:** Not miscible.

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

· **Materials to be avoided:**

Avoid contact with oxidising agents, strong alkalines and acids to prevent chemical reactions.

· **Dangerous decomposition products:**

Carbon monoxide

Carbon dioxide

Nitrogen oxides (NO_x)

11 Toxicological information

· **Acute toxicity:**

· **Primary irritant effect:**

· **on the skin:** Unknown

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· on the eye: Unknown

12 Ecological information

· General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

· Product:

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· European waste catalogue

08 04 09	waste adhesives and sealants containing organic solvents or other dangerous substances
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· Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

14 Transport information

· Land transport ADR/RID (cross-border)

· Remarks: No hazardous product

· Maritime transport IMDG:

· Marine pollutant: No

· Remarks: No hazardous product

· Air transport ICAO-TI and IATA-DGR:

· Remarks: No hazardous product

15 Regulatory information

· Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· Risk phrases:

10 Flammable.

· Safety phrases:

25 Avoid contact with eyes.

43 In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.

60 This material and its container must be disposed of as hazardous waste.

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.

· Relevant R-phrases

10 Flammable.

66 Repeated exposure may cause skin dryness or cracking.

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67 Vapours may cause drowsiness and dizziness.

- **Department issuing MSDS:** R & D Laboratory
- **Contact:** Manager R & D Laboratory

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