

EU Material Safety Data Sheet

According to 91/155 EEC& 93/112 EWG

Printing date 19.01.2004

Reviewed on 19.01.2004

1 Identification of substance:

- **Product details:**
- **Trade name:** Tire Sealant
- **Application of the substance / the preparation:** Sealing material
- **Manufacturer/Supplier:**
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- **Informing department:** Product safety department
- **Emergency information:** Departement for Product Safety

2 Composition/Data on components:

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with harmless additions.
- **components:** void
- **Additional information** For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

- **Hazard designation:** void
- **Information pertaining to particular dangers for man and environment**
No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.
- **Classification system**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4 First aid measures

- **General information** Instantly remove any clothing soiled by the product.
- **After skin contact**
Instantly wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

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- **After swallowing** A person vomiting while lying on their back should be turned onto their side.

5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fire with alcohol-resistant foam.
- **Special hazards caused by the material, its products of combustion or resulting gases:**
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:**
Put on breathing apparatus.
Do not inhale explosion gases or combustion gases.

6 Accidental release measures

- **Person-related safety precautions:**
Ensure adequate ventilation
Avoid contact with the eyes and skin.
- **Measures for environmental protection:**
Dilute with plenty of water.
Do not allow to enter drainage system, surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the material collected according to regulations.
- **Additional information:** See Section 7 for information on safe handling

7 Handling and storage

- **Handling**
- **Information for safe handling:** No special precautions necessary if used correctly.
- **Information about protection against explosions and fires:**
With appropriate handling and storage no special measures necessarily
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed containers.

8 Exposure controls and personal protection

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

- **Components with limit values that require monitoring at the workplace:**

57-55-6 propane-1,2-diol

OES (Great Britain)	Long-term value: 474* 10** mg/m ³ , 150* ppm *total (vapour and particulates) **particulates
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- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to general rules for handling chemicals.
Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not necessary if room is well-ventilated.

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- **Protection of hands:**

With appropriate application not necessarily

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

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:**

By appropriate application not required

Avoid contact with the eyes.

Safety glasses recommended during refilling.

9 Physical and chemical properties:

- **General Information**

Form:	Fluid
Colour:	White
Odour:	Characteristic

- **Change in condition**

Melting point/Melting range: Not determined

Boiling point/Boiling range: 188°C

- **Flash point:** 101°C

- **Ignition temperature:** 420°C

- **Self-inflammability:** Product is not self igniting.

- **Danger of explosion:** Product is not explosive.

- **Critical values for explosion:**

Lower: 2.6 Vol %

Upper: 12.6 Vol %

- **Vapour pressure at 20°C:** 0.3 hPa

- **Density at 20°C** 1.02 g/cm³

- **Solubility in / Miscibility with**

Water: Fully miscible

- **Solvent content:**

Organic solvents: 12.0 %

- **Solids content:** 0.3 %

10 Stability and reactivity

- **Thermal decomposition/ Conditions to be avoided:**

No decomposition if used and stored according to specifications.

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- **Dangerous reactions** No dangerous reactions with intended storage and use.
- **Dangerous products of decomposition:** none

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** no data available.
- **Primary irritant effect:**
- **on the skin:** no data available.
- **on the eye:** no data available.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information:

- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation**
Smaller quantities can be disposed with household waste.
Disposal must be made according to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID-GGVS/E Class:** -

- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15 Regulatory information

- **Designation according to EC guidelines:**
The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.

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The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

Observe the normal safety regulations when handling chemicals

· **Safety phrases:**

56 Dispose of this material and its container to hazardous or special waste collection point.

· **Special designation of certain preparations:**

Safety data sheet available for professional user on request.

· **National regulations**

· **Technical instructions (air):**

Class	Share in %
NK	10-25

· **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

16 Other information:

Information is based on our current knowledge but does not establish a promise of product characteristics and does not substantiate any contractual legal relationship. Drawing of back-up data file for:

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