

Material Safety Data Sheet

According to 91/155 EEC

Printing date 04.04.2007

Reviewed on 21.03.2007

1 Identification of the substance/preparation and of the company/undertaking**Product details****Trade name** Eurolan 3 K**Safety data sheet no.:** 49PD10347/8**Application of the substance / the preparation** Bitumen sealing**Manufacturer/Supplier:**

maxit France s.a.s

4 rue de Mulhouse

Boîte Postale 27

F-68180 Horbourg-Wihr

Tel.: ++33(0)3 89 20 10 80

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Information in case of emergency:

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2 Composition/information on ingredients**Chemical characterization****Description:** Bituminous emulsion**Dangerous components:** Void**3 Hazards identification****Hazard description:** Not applicable.**Information concerning particular hazards for human and environment:**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4 First aid measures**General information** Immediately remove any clothing soiled by the product.**After inhalation** not relevant (liquid preparation without volatile substances).**After skin contact**

Immediately wash with water and soap and rinse thoroughly.

Generally the product does not irritate the skin.

After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30°C).

After swallowing

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

Information for doctor None

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5 Fire fighting measures**Suitable extinguishing agents**

Use fire extinguishing methods suitable to surrounding conditions.

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

When water is vaporized, generation of toxic gases can not be excluded, e.g.:

Carbon monoxide (CO)

Hydrogen sulfide (H₂S)

Protective equipment: Use methods suitable to surrounding conditions.

6 Accidental release measures**Person-related safety precautions:**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Measures for environmental protection:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

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 13 for disposal information.

7 Handling and storage**Handling****Information for safe handling:**

Store in cool, dry place in tightly closed receptacles.

Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection: No special measures required.

Storage**Requirements to be met by storerooms and receptacles:**

Store only in unopened original receptacles.

Store in a cool location.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidizing agents.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from frost.

Protect from heat and direct sunlight.

Recommended storage temperature: 5-30°C.

8 Exposure controls and 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:**Additional information:**

Te applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

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Personal protective equipment:**General protective and hygienic measures:**

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

Immediately remove all soiled and contaminated clothing.

Avoid contact with the eyes and skin.

Keep away from foodstuffs, beverages and feed.

Do not eat, drink, smoke or sniff while working.

Wash hands before breaks and at the end of work.

Respiratory protection: Not required.

Protection of hands:

Protective gloves.

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

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

Material of gloves

Butyl rubber, BR

Nitrile rubber, NBR

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

Body protection: Protective work clothing.

9 Physical and chemical properties:**General Information**

Form:	Fluid
Colour:	Black
Odour:	Characteristic

Change in condition

Melting point/Melting range:	0°C (32°F) (DIN ISO 3016)
Boiling point/Boiling range:	100°C (212°F)

Flash point: Not applicable

Self-igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Vapour pressure at 20°C (68°F): 23 hPa (17 mm Hg) (DIN 51640)

Density at 20°C (68°F): 1,0 g/cm³ (DIN 51757)

Bulk density: Not applicable.

Solubility in / Miscibility with

Water: Fully miscible

pH-value at 20°C (68°F): 10 (DIN 19261)

Viscosity:
dynamic: Not determined.

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kinematic:	Not determined.
Solvent separation test:	Not applicable.
Solvent content:	
Organic solvents:	0,0 %
Additional information:	None.

10 Stability and reactivity**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

Dangerous reactions: Reacts with strong oxidizing agents**Dangerous decomposition products:**

Carbon monoxide and carbon dioxide

Hydrocarbons

Hydrogen sulphide

11 Toxicological information**Acute toxicity:****Primary irritant effect:****on the skin:** No irritant effect.**on the eye:** No irritating effect.**Sensitization:** No sensitizing effects known.**Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

12 Ecological information:**Information about elimination (persistence and degradability):****Other information:** The product is difficultly biodegradable.**Ecotoxicological effects:****Remark:**

The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.

The product contains substances which causes severe clouding in water

Remark: The product causes a significant pH change. Neutralise before introduction.**General notes:**

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

13 Disposal considerations**Product:****Recommendation**

After prior treatment product has to be landfilled adhering to the regulations pertaining to the disposal of particularly hazardous waste.

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European waste catalogue

17 03 02 bituminous mixtures other than those mentioned in 17 03 01

Uncleaned packaging:**Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Recommended cleaning agent: Water, if necessary together with cleansing agents.**14 Transport information****Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**

ADR/RID-GGVS/E Class: -

Maritime transport IMDG/GGVSea:

IMDG/GGVSea Class: -

Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -

Transport/Additional information: Not dangerous according to the above specifications.**15 Regulatory information****Labelling according to EU guidelines:**

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version. Observe the general safety regulations when handling chemicals.

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.

Department issuing MSDS: Product safety department**Contact:** Mr Gilles Weber, Tel.: ++33(0)3 89 20 10 93*** Data compared to the previous version altered.**