

Safety Data Sheet

according to 2001/58/EC

VULKAFIX KLEBER 220 EXTRA

Print date : 13.12.2006

Product code : 7510

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5. Fire-fighting measures

Suitable extinguishing media

Dry chemical Carbon dioxide (CO₂) Extinguishing media - large fires Water spray mist or foam. In the event of fire and/or explosion do not breathe fumes.

Extinguishing media which must not be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire.

Special exposure hazards arriving from substance or preparation itself, combustion products, resulting gases

Using the product may be accompanied by the formation of explosive/highly inflammable vapour-air-mixtures. Use water spray to cool unopened containers.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

Personal precautions

Keep people away from and upwind of spill/leak. Ensure adequate ventilation.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Additional information

Remove all sources of ignition.

7. Handling and storage

7.1 Handling

Advice on safe handling

Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).

Advice on protection against fire and explosion

Keep away from heat and sources of ignition.

Further information on handling

Provide sufficient air exchange and/or exhaust in work rooms. Do not smoke.

7.2 Storage

Requirements for storage rooms and vessels

Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls/personal protection

8.1 Exposure limit values

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Exposure limits (EH40)

CAS No.	Substance	ml/m ³	mg/m ³	F/ml	Category	Origin
67-64-1	Acetone	500	1210		TWA (8 h)	WEL
		1500	3620		STEL (15 min)	WEL
78-93-3	Butan-2-one (methyl ethyl ketone)	200	600		TWA (8 h)	WEL
		300	899		STEL (15 min)	WEL
141-78-6	Ethyl acetate	200	-		TWA (8 h)	WEL
		400	-		STEL (15 min)	WEL

BAT values (TRGS 903)

CAS No.	Substance	Value	Parameter	Test material	Sampling time
78-93-3	2-Butanon (Ethylmethylketon)	5 mg/l	2-Butanon	U	b
67-64-1	Aceton	80 mg/l	Aceton	U	b

8.2 Exposure controls**Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Avoid contact with the skin and the eyes. Remove and wash contaminated clothing before re-use.
Wash hands before breaks and at the end of workday.

Respiratory protection

Ensure adequate ventilation, especially in confined areas. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Eye protection

Tightly fitting safety goggles

9. Physical and chemical properties**9.1 General information**

Physical state : liquid
Colour : off-white translucent
Odour : solvent

9.2 Important health, safety and environmental information

Test method

Changes in the physical state

Boiling point : 62 °C
Flash point : - 11 °C
Lower explosion limits : 1,4 vol. %
Upper explosion limits : 12,5 vol. %
Vapour pressure : 160 hPa
(at 20 °C)
Density (at 20 °C) : 0,90 g/cm³
Water solubility : partly soluble
(at 20 °C)
Solubility in other solvents : ester, ketone
Viscosity / dynamic : 6500 mPa·s
(at 20 °C)

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Solvent content

78%

9.3 Other information

Ignition temperature : >200 °C

10. Stability and reactivity**Conditions to avoid**Risk of decomposition.:
No decomposition if used as directed.**Hazardous decomposition products**

No dangerous reaction known under conditions of normal use.

Additional information

No decomposition if stored normally.

11. Toxicological information**Specific effects in experiment on an animal**

Eye/rabbit = Mild eye irritation

Sensitising effects

Sensitization: no sensitizing effect known.

12. Ecological information**Ecotoxicity**

Do not allow to escape into waters, wastewater or soil.

Mobility

The product evaporates readily.

13. Disposal considerations**Advice on disposal**

Can be incinerated, when in compliance with local regulations.

Waste disposal number of waste from residues/unused products080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other dangerous substances
Classified as hazardous waste.**Contaminated packaging**

Fully drained containers which are drop- and scrape-free can be treated as industrial waste, and can possibly be recycled.

14. Transport information**Land transport (ADR/RID)**

ADR/RID class :	3
Warning plate	
Hazard-no. :	33
UN number :	1133
Hazard label :	3
ADR/RID packing group :	III

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Description of the goods

adhesive

Remarks (land transport)

Sondervorschrift 640H

Inland waterways transport

ADN/ADNR class :	3
Category :	F1
UN number :	1133

Description of the goods

Klebstoffe

Remarks (inland waterways transport)

Sondervorschrift 640H

Marine transport

IMDG code :	3
UN number :	1133
Marine pollutant :	-
EmS :	F-E, S-D
IMDG packing group :	III
Hazard label :	3

Description of the goods

adhesive

Air transport

ICAO/IATA-DGR :	3
UN/ID number :	1133
Hazard label :	3
IATA-packing instructions - Passenger :	309
IATA-max. quantity - Passenger :	60 L
IATA-packing instructions - Cargo :	310
IATA-max. quantity - Cargo :	220 L
ICAO packing group :	III

Description of the goods

Adhesives

15. Regulatory information**15.1 Labelling**

Indication of danger : F - Highly flammable; Xi - Irritant
 Labelling according to EC-guidelines : Labelling in accordance with the EEC directives:

R phrases

11	Highly flammable.
36	Irritating to eyes.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.

S phrases

09	Keep container in a well-ventilated place.
16	Keep away from sources of ignition - No smoking.
23	Do not breathe (gas/fumes/vapour/spray, appropriate wording to be specified by the manufacturer)
26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
33	Take precautionary measures against static discharges.

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15.2 National regulations

Water contaminating class :	1 - slightly water contaminating
1999/13/EC (VOC) :	78%

16. Other information

List of relevant R phrases

- | | |
|----|---|
| 11 | Highly flammable. |
| 36 | Irritating to eyes. |
| 66 | Repeated exposure may cause skin dryness or cracking. |
| 67 | Vapours may cause drowsiness and dizziness. |

Other data

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.