

EU-SAFETY DATA SHEET

Amendment date: 16.08.2005

Date of Printing: 17.10.2007

EU-SDB20220A

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SHERASTUMPFLACK

Die spacer

1. Substance / preparation and company name

Product name:

SHERASTUMPFLACK

Supplier:

SHERA Werkstoff-Technologie

GmbH & Co. KG

Espohlstr. 53

49448 Lemförde

Germany

Tel.: +49 54 43 - 99 33 - 0

Fax: +49 54 43 - 99 33 - 100

Emergency telephone no.

Landesberatungsstelle für Vergiftungserscheinungen und Embryonaltoxikologie

Pulsstraße 3-7

D-14059 Berlin

Tel.: +49-(0)-30-1-92-40

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2. Composition / Details of components

Chemical properties

Poly acrylate resin in solvent

Ethyl methyl keton	CAS No.	EINECS-No.	EG-No.
Acrylate polymere 9011-14-7	78-93-3	205-159-0	606-002-00-3

3. Possible dangers

Hazard description

F Highly flammable

Xi Irritating

4. First aid

General advice

Immediately remove pieces of clothing when contaminated by the product. Keep affected person out of danger area and lay down. Take affected person to fresh air. In case of irregular breathing or apnoea give artificial respiration.

After inhalation

Ensure sufficient fresh air and seek medical attention as a precaution, if necessary artificial respiration or artificial ventilation.

After skin contact

Wash off immediately with water and soap. If symptoms persist, seek medical attention.

After eye contact

Rinse eyes with opened lids under running water for several minutes. If symptoms persist, seek medical attention.

After ingestion

Rinse out mouth and drink plenty of water. Do not induce vomiting, immediately seek medical attention. Medication of paraffin oil (3 ml/ kg). No castor oil, sodium sulfate. (1tablespoon/ 1/4 l water), activated carbon.

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5. Fire fighting

Suitable fire fighting agents

Foam, CO₂, powder-type extinguishing agent, water spray jet.

Unsuitable fire fighting agents

Full water jet.

Particular hazard through substance or preparation itself, its products of combustion or forming gases

Substance can form an explosive mixture of gas and air. In case of fire carbon monoxide (CO) can be released.

Special protective fire fight equipment

In case of massive formation of pollutant use independent respiratory device.

6. Action in the event of accidental release

Person-related precautionary measures

Use personal protective clothing. Keep away unprotected persons. Keep away from sources of ignition, ensure adequate ventilation, eliminate leaky container.

Environmental protection measures

Do not allow to enter sewage water system or bodies of water.

Pick up/Cleaning

To be picked up with liquid bonding material (sand, kieselguhr, universal bonder).

Dispose of contaminated material according to the information in point 13.

Other Information

Take precautionary measures against static discharges.

7. Handling and storage

Handling/Storage

Keep container tightly closed. Storage at room temperature in well-ventilated rooms (vapours are heavier than air). Flammable liquid. Vapours are heavier than air, they form explosive mixtures with air. Keep away from sources of ignition - no smoking. Take precautionary measures against static discharges.

Advice of storage

Do not store together with oxidising and self-igniting substances as well as highly inflammable goods.

Further information for storage conditions

Keep in tightly closed container in a cool place. Keep container in a well-ventilated place. Protect against heat and direct insolation. Storage class: LGK 3A (VCI-concept)

8. Exposure limits and personal safety equipment

Recommendations for structuring technical devices:

Not applicable.

Constituents with occupational exposure limits that require monitoring

Methyl Ethyl Keton	CAS-Nr.: 78-93-3
OEL	590 mg/m ³ , 200 ppm
Gravidity group	C

Personal protective equipment

Immediately remove contaminated, soaked clothing. Do not inhale gases/vapours/aerosoles.

Avoid contact with skin and eyes. Do not eat, drink, smoke while working.

Respiratory protection In case of insufficient ventilation, respiratory protection

Hand protection Hand gloves/solvent containing

Eye protection Tight-closing safety goggles

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9. Physical and chemical properties

Appearance

Form: liquid
Color: uncolored
Smell: aromatic

Security-related data

Melting point	- 86°C
Boiling point	79°C
Ignition temperature	505°C
Flash point	- 1°C
Explosion limits	inferior: 1.8 Vol. % superior: 11.5 Vol. %
Steam pressure at 20°C	105 mbar
Density at 20°C	0.8 g/cm ³
Solubility/Mixibility in water	290g/l at 20°C
pH value	neutral

10. Stability and reactivity

Thermal decomposition

In case of normal pressure indecomposable distillable. Reactions with oxidants, reactions with strong acids and bases.

Hazardous products of decomposition

Peroxides.

Substances to be avoided

Oxidants, alkali hydroxides.

11. Toxicology information

Acute toxicity

LD50 oral 2737mg / kg (rat)

Skin

Degreasing effect, can cause dermatitis.

Eye

Slightly irritating.

Sensitization

Not known.

Additional toxicological tips

Repeated exposition causes liver damages. High concentrations may cause fatigue and vertigo.

12. Ecology information

Details on elimination

Biologically easily degradable. Quick photochemical oxidation in the air

Aquatic toxicity

Fish:	LC50 > 4600 mg/l
Water flea:	LC50 > 100 mg/l (96h)
Water organism:	LC50 > 1000 mg/l

General information

Water pollution class 1, slightly water polluting. Do not allow to enter ground water, water bodies or water sewage system.

13. Disposal instructions

Suggestion

Completely empty containers as normal waste; in case of containers with content, ask local authorities.

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14. Transport information

Land transport ADR/RID and GGVS/GGVE (transnational/inland)

ADR/RID-GGVS/E class	3, Flammable liquids
Figure/Letter	3 B
Kemler number	33
UN number	1193
Designation of the good	1193 Ethyl Methyl Ketone

Transport by seagoing vessel - IMDG/GGV

IMDG/GGVsea class	3.2
Page	3220
UN number	1231
EMS number	3-06
MFAG	300
Correct technical name	Ethyl Methyl Ketone
Packaging group	II

Transport by air ICAO-TI and IATA-DGR

ICAO/IATA-class	3
UN/ID number	1193
Correct technical name	Ethyl Methyl Ketone
Packaging group	II

15. Regulations

Identification requirement according to EWG Directives

The product is classified and identified according to according to Hazardous Substances Regulations/EU Directives.

Code letter and risks F, Xi

R-phrases	R 11-36/37	Highly flammable. Irritating to eyes and respiratory system
S-phrases	S 9-16-25-33	Keep container in a well-ventilated place. Keep away from sources of ignition - No smoking. Avoid contact with eyes. Take precautionary measures against static discharges.

Classification according to VbF	A1
Technical instructions air class	3
Storage class VCI	3 A
Water pollution class WPC:	1

16. Other information

This information is based on the state of knowledge and experience pertaining on the date of issue. The information is not to be taken as a guarantee of general properties. It should neither be changed nor transferred to other products. Duplication in an unchanged state is permissible.