DREVE-OTOPLASTIK GMBH Material Safety Data Sheet according to 91/155/EEC FOTOPLAST S/IO

Printing date: 06.05.1997, revised on: 21.08.1995, Page 1 of 4

1. Material / Contents and Company Identification

Indications concerning product

Product name: FOTOPLAST S/IO

Producer: DREVE-OTOPLASTIK GMBH,

Max-Planck-Str. 31, 59423 Unna/Germany Tel.: 02303/88 07 0; Fax: 02303/82 90 9

Emergency Telephone no.: 02303/88 07 0 Contact person: Dr. Volker Dreve

2. Composition/information on ingredients

Chemical characterization: - preperation contains:

Designation:	CAS-No.:	Percentage:	Symbols:	R-sets:
ethoxylated Bisphenol A				
dimethacrylate	56744-60-6	92-98	-	-
fotoinitiator	-	0,25-4,5	-	-
pigments	-	0,15-0,8	-	-
additives	-	0,3-0,6	-	-

3. Potential Dangers

Hazard designation: none

Information pertaining to particular dangers for man and environment: none

4. First Aid Measures

After skin contact: Wash with copious amounts of soap and water. Should the irritation persist consult a skin

specialist. Remove clothing soaked with substance.

After eye contact: Open the palpebral fissure and rinse for 15 minutes with running water. Consult an eye specialist.

5. Fire Fighting Measures

suitable extinguishing agents

Water fog, foam, dry agent, carbon dioxide

For safety reasons unsuitable extinguishing agents

Water with full jet

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

Wear a self-contained respiatory protective device

Particular hazards

Do not release the water used for extinguishing into drains, soil or surface waters

Printing date: 05.05.1997, revised on: 05.05.1997, Rev. 1 Page 2 of 4

6. Measures to be taken in Case of Accidental Release

Person-related safety precautions:

none.

Measures for environmental protection:

Prevent contermination of soil, drains and surface waters.

Measures for cleaning / collecting:

Blind with suitable material (such as sand, sawdust, diatomaceous earth, universal binder) and clean of. Seal into special containers and dispose of according to regular requirements.

7. Handling and Storage

Information for safe handling:

none

Information about protection against explosions and fires:

none

Requirements to be met by storerooms and receptacles:

Do not store in place with temperature above 35°C. Protect from light incidence.

Information about storage in a common storage facility:

Keep away from food and drink.

8. Exposure Control and Personl Protection Equipments

Additional information about design of technical systems:

No special safety measures required. Exposure control limits: non

Threshold limit value: none

Skin protection: Wear suitable gloves.

Eye protection: Wear protective glasses

Clothing: Overalls

9. Physical and Chemical Features

Form: liquid Colour: diverse Odour: faint

Safety-related data: Method:

Change of state:

Melting point: < - 20°C Blazing temperature: < 200°C

Blazing temperature: < 200°C DIN 51376

Ignition point: > 400°C
Explosion limits: Lower: not defined
Upper: not defined

Vapour pressure: 1,33 kPa at 50° C Density: 1,12 - 1,13 g/cm³ at 20° C

Solubility in water: insoluble

Solubility in organic solvent: unlimited miscible

pH-value: not defined

Viscosity: 0,5 - 0,9 Pas at 25°C

Printing date: 05.05.1997, revised on: 05.05.1997

Page 3 of 4

10. Stability and Reactivity

Termal decomposition: above 250°C

Conditions to be avoided: light incidence, temperatures above 35°C

Materials to be avoided: Thermal polimerization may occure in the presence of radical formers (such as

peroxides), reducing substances and/or heavy metal ions

Dangerous decomposition products: During thermal decoposition a flammable vapour developes, which irritates the

eyes

11. Toxicological Information

Oral toxicity: LD-50 > 30.000 mg/kg (rat,oral)

Inhalation: not defined

Skin irritation: faithly irritating the skin (rabbit)

Sensitisation: not defined Eye irritation: not defined

12. Ecological Information

Acute toxicity in fish: (LC-50/48 h): not defined Bacteria toxicity: (EC-0): not defined not defined

Further ecological information: Do not release this product into still/flowing lakes/rivers, the soil or the

sewage system.

13. Disposal considerations:

Product: Dispose of in a special refuse tip, according to local regulatory requirements.

Packing: Contaminated packaging should be disposed of identically to the product itself.

Unconterminated packaging material should be reused, recycled or treated as

household waste.

14. Transport Information

The substance is not considered as hazardous according to the transportation regulations.

RID/ADR: Class: UN-No.

GGVSEA/IMDG-Code: Class:

ICAO/IATA-DRG: Class:

Flash point: > 200°C

Further details: Keep packaging closed constantly.

DREVE-OTOPLASTIK GMBH Material Safety Data Sheet according to 91/155/EEC FOTOPLAST S/IO

Printing date: 05.05.1997, revised on: 05.05.1997, Rev. 1

15. Regulations

Preparation as defined by the German Chemical Act dated 14-03-90. Does not have to be labeled according to the German Hazardous Material Act dated 25-09-91.

Labelling: none

Product contains: ethoxlated Bisphenol-A-dimethacrylate

R phrases: none S phrases: none

16. Further details

These indications only describe the safety requirements of the product(s) and are based on today's knowledge. They do not represent any assurance of features of the described product(s) in the sense of legal warranty regulations.

Unna, May 1997

DREVE-OTOPLASTIK GMBH