

DIN safety data sheet

Company: S.P.D. SALMOIRAGHI PRODUZIONE DENTARIA S.R.L.

Commercial product name: HARDENING LIQUID K2
Chemical characterization: METHYL METHACRYLATE MONOMER
CAS-Reg.No.80-62-6

Form: liquid	Colour: colourless
Odour: sweetish	Physical data at 20°: liquid
Density: ca. 0,943 g/cm at 20°C	Fusion point: - 48°C
Boiling point: 103°C	Solubility in water: 1,6 g/l
Vapour pressure: 38,6 hp at 20°C	Vapour density: (air=1) 3,41
Flash point: 10°C	Ignition temperature: 430°C
Explosion limits (% V.V.) 2,1:12,5	

Hazardous reactions: polymerisation occurs under the action of light, heat and in the presence of peroxides.
The uncontrolled polymerisation can degenerate in explosion of the closed containers.
Avoid contact with base-acids, oxidizing/reducing agents.

TRANSPORT

Land: GGVs/GGVE/ADR/RID - Class 3 - UN 1247 - dangerous code 339
packing group II
Sea: GGVSec Class 3.2 - ADNR Class 3.2 - UN 1247 - IMDG code page 3259
EMS 3-07 - MFAG 330
Air: ICAO/IATA-GDR Class 3 - UN 1247 - flammable liquid - packing
group II - packing instruction 307 (Cargo Aircraft only)

SAFETY MEASURES

Store in original container in a cool and dry place. Avoid spillage. Keep away from sparks. Electrical fittings in immediate area should be dust proof and earthed.

Personal protective equipment: gloves, goggles and a mask with filter for organic vapours are recommended

Fires: cool the containers exposed to the fire with atomized water

Extinguishing media: foam, carbon dioxide, chemical extinguishing materials

FIRST AID

Inhalation: go away from polluted area - make artificial respiration (if there is a respiration block, call a doctor)

Contact with the skin: take off the polluted dresses and thoroughly wash the skin with soap and water

Contact with the eyes: immediately wash them with water for 15' keeping the eyelids open and rolling the eyeballs

Ingestion: do not give anything in case of unconsciousness otherwise
make drink two glasses of water

Toxicity: LD50 (7900 mg/kg, rat)
LC50 (3750 PPM, rat)

This product is injurious for the fauna and aquatic flora.

Disposal: to be considered as special waste under home laws.

Applicable laws and regulations have to be considered.

Data is based on the present state of knowledge and experience,
without any claim made for completeness.

Safety data sheet serves to describe the product only with regard to
the safety elements. This data does not constitute a specification.

METHYLMETACRYLATE

CEE N. 607-35-00-6



5AC/032

Hazard sentences (R):

- R 11 highly flammable
- R 36/37/38 irritating to eyes, respiratory system and skin
- R 43 may cause sensitization by skin contact

Precautions (S):

- S 2 keep out of the reach of children
- S 9 keep container in a well-ventilated place
- S 16 keep away from sources of ignition no smoking
- S 29 do not empty into drains
- S 33 take precautionary measures against static discharges