

Material Safety Data Sheet

Revision Date: 21.09.2005

(91/155/EWG)

Page 1 of 3

6010-22-02

1. Chemical product and company identification

Product name:

Tray Adhesive

Supplier:

DMG, Dental-Material Gesellschaft mbH
D 22531 Hamburg, telephone : (+49) 040 - 84 00 60

2. Composition / Information on ingredients

Common chemical name / Generic name:

Preparation based on silicone resin and solvent.
Contains mixture of aliphatic hydrocarbons, CAS-No. 64742-49-0.

3. Hazards Identification

None, if handled according to directions.
Flammable. Harmful by inhalation. Environmentally hazardous.

4. First-aid measures

In case of inhalation: Take patient to open air. Let sit down calmly.
In case of skin contact: Wash with soap and water.
In case of eye contact : Immediately rinse with plenty of water, consult a physician.
In case of ingestion: Immediately seek medical advice.

5. Fire-fighting measures

Flammable. May form explosive vapour-air mixture.
Extinguishing media: Powder, sand, foam, carbon dioxide.
Not suitable extinguishing media: Direct jet of water

6. Accidental release measures

Personal precautions: Use only in well-ventilated areas.
Keep away from sources of ignition - No smoking.
Environmental precautions: Do not empty into drains.
Methods for cleaning up: Take up mechanically, with inert fluid-binding material.

7. Handling and storage

Handling:

Technical measures: Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Use explosion protected devices. Keep container tightly closed in a well-ventilated place.

Safe handling advice: Wear suitable gloves. Avoid contact with eyes.

Storage:

Technical measures: Keep container in a well-ventilated place.
Storage conditions: Keep container tightly closed in a dark, cool place.
Recommended packaging material: Container of glass or metal.

Material Safety Data Sheet

Revision date: 21.09.2005

Trade name: Tray Adhesive

Page 2 of 3

6010-22-02

8. Exposure controls/personal protection

Engineering measures: Use only in well-ventilated areas.

Limit values: MAK-TLC-Value: 50 ppm (hexane).
Schwangerschaftsgruppe C (hexane).

Personal protective equipment:

Respiratory protection: Do not breathe vapour. Breathing mask filter type A. (if TLC is exceeded).

Hand and skin protection: Rubber gloves.

Eye protection: Goggles.

Hygiene measures: When using do not eat or drink.

9. Physical und chemical properties

Appearance: Blue liquid.

Odour: Characteristic

pH-value: Not applicable.

Changes in physical state:

Boiling temperature: > ca. 60 °C

Flashpoint: > -25 °C

Ignition temperature: > 270 °C

Explosion properties: 0.8 - 8 Vol. %

Vapour pressure: 190 mbar / 20 °C

rel. vapour density: > 1

Density: 0.8 g/cm³

Solubility in water: insoluble

10. Stability and reactivity

Thermal decomposition: No decomposition, if handled and stored according to directions.

Hazardous reactions: None, if handled and stored according to directions.

Conditions to avoid: Heat, light, naked flame.

Hazardous decomposition products: In case of fire: carbon monoxide.

11. Toxicological information

Acute oral toxicity: LD₅₀ (rat) > 2000 mg/kg.

Irritation of skin : Irritation possible.

Irritation of eye: Irritation possible.

12. Ecological information

Do not discharge into drains or the environment, dispose to an authorised waste collection point.

Persistence und degradability: No data available for the preparation. Solvent: rapid photochemical oxidation at the air.

Ecotoxicity: Fish toxicity LC₅₀ > 4480 mg/l (hexane). Toxic effects on aquatic organisms possible.

13. Disposal considerations

Waste from residues: Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

Material Safety Data Sheet

Revision date: 21.09.2005

Trade name: Tray Adhesive
6010-22-02

Page 3 of 3

14. Transport information

Regulations for land (road/railroad):

GGVS: Class 3, No 3B
ADR: Class 3, No 3B
GGVE: Class 3, No 3B
RID: Class 3, No 3B

Regulations for sea:

IMDG/GGVSee-Code: Class 3.1
EmS: 3-07
MFAG: 310

Regulations for air:

ICAO/IATA-DGR: Class 3

UN-number: 3295

Additional information: Proper shipping name: hydrocarbons, liquid, n.o.s.

15. Regulatory information

Labelling according to international regulations: F, Highly inflammable; Xn, Harmful, N, Environmentally hazardous.

Contains hexane.

Symbols of danger: Flame symbol, St Andrew's cross, Fish symbol.

R-Phrases: 11-38-48/20-51/53-65-67

Highly flammable.

Irritating to skin.

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Harmful: may damage lungs, if swallowed.

Vapours may cause drowsiness and daze.

S-Phrases: 9-16-23-29-33-61-62

Keep container in a well-ventilated place.

Keep away from sources of ignition - No smoking.

Do not breathe vapour.

Do not empty into drains.

Take precautionary measures against static discharges.

Avoid discharge into the environment. Refer to special instructions / material safety data sheet.

Do not cause vomiting, if swallowed. Seek medical advice immediately and show this container or label.

VbF-class: A1

16. Other information

None

The data given here is based on current knowledge and experience. The data does not signify any warranty with regard to the product's properties.