

EC-Safety Data Sheet (91/155/EEC)**1. Identification of the substance/preparation and company****1.1 Product details:**Trade name: **Panasil adhesive****1.2 Supplier details:**

Kettenbach GmbH & Co. KG

Im Heerfeld 7

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2. Composition/information on ingredients**2.1 Chemical characterization:**

Preparation based on silicone resin and solvent.

Contents aliphatic hydrocarbons mixture CAS-Nr. 64742-49-0

3. Hazards identification

When used as determined: None

Highly flammable. Harmful by inhalation.

4. First aid measures

- 4.1 **After inhalation:** Remove the casualty into fresh air and keep him calm.
- 4.2 **After contact with skin:** Wash off with soap and water. Remove contaminated clothing.
- 4.3 **After contact with eyes:** Rinse thoroughly with water and summon a doctor.
- 4.4 **After ingestion:** Summon a doctor immediately.

5. Fire-fighting measures

- 5.1 **Suitable extinguishing media:** Extinguishing powder, sand, foam, CO₂.
- 5.2 **Extinguishing media that must not be used for safety reasons:** Water jet

6. Accidental release measures

- 6.1 **Personal precautions:** Ensure adequate ventilation. Keep away from sources of ignition, refrain from smoking.
- 6.2 **Environmental precautions:** Do not discharge product unmonitored into the environment.
- 6.3 **Methods for cleaning up/taking up:** Take up with absorbent material (eg. sand, kieselguhr, universal binder).

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7. Handling and storage

- 7.1 **Handling:** Ensure adequate ventilation. Keep away from sources of ignition, refrain from smoking.
- 7.2 **Storage:** Keep container tightly closed and store in a dark well-ventilated place.

8. Exposure controls/personal protection

- 8.1 **General protective measures:** Do not inhale vapours. Avoid contact with skin and mucous membranes.

9. Physical and chemical properties

- 9.1 **Appearance:**
- | | |
|---------|-------------------------------|
| Form: | liquid |
| Colour: | blue |
| Odour: | aromatic, slightly ester-like |
- 9.2 **Changes in physical state:**
- | | |
|------------------------------------|------------------------|
| Boiling point: | up to approx. 60 °C |
| Flash point: | - 25 °C |
| Ignition temperature: | > 270 °C |
| Explosion limit: | 0,8 – 8 vol. % |
| Vapour pressure: | 190 mbar / 20 °C |
| Vapour density in relation to air: | > 1 |
| Density: | 0,8 g /cm ₃ |
| Solubility in water: | insoluble (20 °C) |

10. Stability and reactivity

- 10.1 **Hazardous reactions:** No hazardous reactions known.

11. Toxicological information

- 11.1 **Acute oral toxicity:** LD 50: > 2000 mg/kg rat
- 11.2 **Irritant effect on skin:** Irritations possible.
- 11.3 **Irritant effect on eyes:** Irritations possible.

12. Ecological information

- 12.1 **Environmental precautions:** Do not discharge product unmonitored into the environment.

13. Disposal considerations

- 13.1 **Product:** Dispose of the rest material at hazardous or special waste collection point.

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13.2 Packaging: Completely emptied packagings can be given for recycling.

14. Transport information

- 14.1 Road transport:**
GGVS/ADR: class 3, number: 3b
train GGVE/RID: class 3, number: 3b
- 14.2 Marine transport:**
IMDG/GGVSee-Code: No dangerous goods.
EmS: 3-07
MFAG: 310
- 14.3 Air transport:**
ICAO/IATA-DGR: class 3
- 14.4 Further information:**
UN-number: 3295

Correct technical name: hydrocarbons, liquid.

15. Regulatory information

- 15.1 Hazard symbols:**  Highly flammable
- 15.2 Labelling in accordance with GefStoffV/EC:**
- | | |
|---------|--|
| R 11 | Highly flammable |
| R 20 | Harmful by inhalation |
| S 16 | Keep away from sources of ignition,
refrain from smoking. |
| S 23 | Do not breathe vapour. |
| S 24/25 | Avoid contact with skin and eyes. |

16. Other information

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.