

Effective as from: 01.01.2003
Version: 2

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1. Identification of substance/preparation and of the company/undertaking

Trade name: : **WEVO – Casting Resin PU 552 FL**
Company: : WEVO -CHEMIE GmbH
Schönbergstraße 14
D - 73760 Ostfildern - Kemnat
Phone number: : + 49 - 711 - 16761 - 0
Fax number: : + 49 - 711 - 16761 - 44
Emergency phone: : + 49 - 711 - 16761 - 12 or - 20
Expert information : Product safety department

2. Composition/information on ingredients

Chemical characterization: Polyester -/Polyetherpolyole preparation with mineral filler

| Ingredients | CAS-No. | Hazard symbols | R- phrases | Concentration |
|-------------|---------|----------------|------------|---------------|
| ---- | ---- | ----- | ----- | ----- |

3. Hazards identification

Hazard warning not required

4. First aid measures

Eye contact: Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids held open. A doctor (or eye specialist) should be consulted immediately.

Skin contact: After contact with skin, wash immediately with plenty of water and soap.

Swallowing: Should the product be swallowed seek medical advice.

5. Fire fighting measures

Special hazards: In case of a fire aside from the major combustion products carbon dioxide and carbon monoxide other harmful gases and vapours may be formed

Extinguishing media: CO₂, foam, dry powder, in cases of large fires, water spray should be used

Protective equipment: Wear self contained breathing apparatus. Wear full protective clothing.

6. Accidental release measures

Personal precautions: Avoid skin and eye contact. Provide sufficient ventilation. Wear protective clothing when taking up spill.

Environmental precautions: Prevent from entering sewer systems , surface water or soil.

Methods for cleaning up: Do not empty into drains. Take up with absorbent for chemicals or, if necessary with dry sand

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7. Handling and storage

Handling: Observe the usual precautionary measures for chemicals

Storage: Keep packing tightly closed and dry. Avoid exposure to temperatures above 50°C. Keep away from foodstuff, drinks and tobacco.
Storage best at 18°C to 25°C
Water pollution class (WGK) : 1 – slightly hazardous to water (own classification)

WGK = Classification in accordance with the German Water Resources Act

8. Exposure controls/personal protection

Hand protection: protective gloves made of PVC

Eye protection: goggles/face protection

Hygienic measures: Keep working clothes separate. Wash hands before breaks and at end of work.

9. Physical and chemical properties

| | | | | |
|-----------------------|---|---|-------------------|------------------------|
| Form: | : | liquid | | |
| Colour | : | grey, black, blue, brown, nature or white | | |
| Odour | : | nearly odourless | | |
| Setting point: | : | - 21 | °C | |
| Vapour pressure | : | 1 | mbar | at 20°C |
| Density: | : | 1,55 – 1,60 | g/cm ³ | at 22°C DIN 51757 |
| Viscosity: | : | 6000 - 7000 | mPa.s | at 22°C DIN 53211 |
| Flash point: | : | > 180 | °C | DIN 51758 |
| Ignition temperature: | : | > 350 | °C | DIN 51794 |
| Solubility in water: | : | partially miscible | | |
| Explosive limits: | : | Limits not determined. | | |

10. Stability and reactivity

Thermal decomposition: Does not occur until flash point reached.

Hazardous decomposition products: No hazardous decomposition products when stored and handled correctly.

Hazardous reactions: No hazardous reaction when used as directed.

11. Toxicological information

In analogy to test results for similarly composed products.:
LD/LC₅₀ oral, rat: < 4800 mg/kg

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Effect on the eyes: Causes slight temporary reddening and swelling of the conjunctiva

Effect on the skin: non-irritant

12. Ecological information

Do not allow to escape into waters, wastewater or soil.

Water pollution class (WGK): 1, slightly hazardous to water.

13. Disposal considerations

Waste: may be transported to controlled incinerator if local official regulations are observed.

14. Transport information

| | | | | | | | |
|-------------------|----|---------|----|----------------|----|------------|----|
| GGVSee/IMDG-Code: | -- | UN No.: | -- | MFAG: | -- | EmS: | .. |
| PG: | -- | MPO: | -- | | | | |
| GGVE/GGVS: Class | -- | No. | -- | RID/ADR: Class | -- | No. | -- |
| ADNR: Class | -- | No. | -- | Cat | -- | | |
| | | | | ICAO/IATA-DRG: | | not restr. | |

Declaration for land shipment: ---

Declaration for sea shipment: ---

Declaration for shipment by air: ---

Other information: Not dangerous cargo. Slightly smelling. Keep dry. Keep separate from foodstuff .

15. Regulatory information

No labelling is required in accordance with the EEC directives.

Not subject to the German Technical Air Guideline (TA -Luft)

Not subject to the German Regulation on Flammable Liquids (VbF)

16. Other information

For safe handling of polyurethane and hardeners, following suggested instructions should be observed:

Data sheet M 044: Handling of polyurethane and isocyanate
(Published by the Professional Association of the Chemical Industry)

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the product in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.