

Composites / Information on

ingredients:

Chemical characterization: Formulation based on polyether- and polyester with inorganic fillers as well as tertiary amines and accelerators

Dangerous constituents: CAS-Nr.: Content

not significant symbol: **Hazard**

Special hazards information for human and environment: At excessive exposure slight irritation of skin, eyes and respiratory organs possible.

Classification system: The classification corresponds to the actual EU-lists, but is supplemented by information from the specialist literature and by company data.

First aid measures:

General instructions: Immediately change all soiled and contaminated clothing.

After inhalation: If respiratory irritation occurs, ensure supply of fresh air, consult a physician.

After skin contact: Remove mechanically: wash off with plenty of water and soap

After eye contact: Rinse carefully with water with open eye-lid; keep the eyelids apart from the eyeball. Consult an eye doctor in any case.

After swallowing: Do not induce vomiting (risk of suffocation). Wash out mouth with plenty of water. Call in a doctor immediately.

Fire-fighting measures:

Suitable extinguishing medium: Extinguishing powder, carbon dioxide, foam, water spray

Special protective equipment: Respirator with independent air supply

Further details: In case of fire development of carbon monoxide, nitrogen oxide, and traces of cyanide derivatives possible.

Accidental release measures:

Personal precautions: Ensure sufficient air supply. Keep away unauthorised personnel.

Environmental measures: Do not empty into drains.

Procedures for cleaning / absorption: Remove mechanically; cover the remaining with inert materials, just as for example sawdust, sand or calcium silicate hydrate. Further disposal by burning.

Safety data sheet component A
for cast resin 2855-T125
according to 91 / 55 / EWG
Accessory for devices GH/ GHT/ GHP

Handling and storage:

Information for safe handling:	Ensure sufficient ventilation or suction at the work place. Air suction necessary for spray processing. Avoid contact with skin and eyes.
Information on fire and explosion protection:	Keep away from ignition sources. Do not smoke.
Storage conditions: Requirements for storage rooms and containers:	Keep the container dry and tightly sealed at 10-25°C in a well-ventilated place. Avoid heating above 50°C.
Hints for combined storage:	not required
Storage category:	VbF-class: cancelled

Exposure control and personal protective equipment:

Additional information on the design of technical installations:	No further information, see point 7
Personal protective equipment:	
General protective and sanitary measures:	Do not eat, drink or smoke while handling. Wash hands before the breaks and before end of work. Avoid contact with eyes and skin.
Respiratory protection:	Necessary for spray application and insufficient air supply.
Hand protection:	Protective gloves
Material of gloves:	Made of NBR, IIR, FKM or rubber
Eye protection:	Tightly sealed safety glasses.
Body protection:	Protective work wear

Physical and chemical characteristics:

Form:	Liquid
Colour:	black
Odor:	Mild

Change of state:

Melting point / melting range:	
Boiling temperature / boiling range:	> 140°C
Flash point:	> 100°C
Explosion limit:	-
Ignition temperature:	> 300°C
Vapour pressure:	at 20°C < 2hPa
Density:	at 20°C approx. 1,65g/cm ³
Solubility in water:	Partially
Solubility in other solvents:	Yes
Solvents:	Acetone; Methylene chloride
PH-level:	not specified
Partition coefficient n-Octanol/ Water (log POW)	not specified
Viscosity 20°C:	approx. 4.500

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Stability and reactivity

Thermal decomposition / conditions to be avoided: None, if handled appropriately. Avoid overheating.

Substances to be avoided: Consider exothermic reaction with isocyanates. Product reacts violently with strong oxidants, such as sulphuric acid.

Toxicological information

Acute Toxicity:

Classification relevant LD/LC50-value: LD 50 oral / Rat > 5.000mg/kg

Additional toxicological indications: No evidence for mutagenic effect

Ecological information

(Reference values based on chemically similar compounds)

Information about elimination: Products are only partially biodegradable.

Behaviour in environmental compartments: Water endangering product

WGK 1 : slightly water endangering

Instructions for disposal

Product: Component A for cast resin 2855-T125

Recommendation: Can be incinerated in compliance with official regulations in suitable facilities.

European waste catalogue:

Uncleaned packagings: Disposal of the empty containers only after prior neutralization of the product residues which adhere to the walls by reaction with isopropanol – water mixture. Then remove identification label (hardener).
These packagings can be returned for disposal packaging specific at the collection points of the available return systems of the chemical industry. The recycling must be carried out according to national legislation and environmental requirements.

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Transport information

Overland transport: ADR / RID Class: no Number / Letter
Hazard number: - Substance number:

Sea transport IMDG/GGVSea: Class: - UN-Nr.: no
PG: EMS: -
MPO: no MFAG: -
ADNR.KI.: no

Express goods according to GGVE authorized: Germany: Yes

Air transport: IOCA / IATA: Class: UN/ID-Nr.:
PG: Number:

Declaration air:

Provisions:

Classification according to hazardous substances ordinance and EC directives:

Code letter:

Hazard designation:

Classification according to VbF: Omitted

Classification according to TA-Luft: Number 3.1.7 Class I (Self-classification)

Water hazard class: WGK 1 slightly water endangering according to VwVwS

Other specifications:

All ingredients are listed in the European inventory of existing chemical substances EINECS (Nr.: 225-863-2) Swiss law of poison: Poisonous category 2 BAG-T-Nr.: 614384

The above information is based on the current state of our knowledge and experience. However, they do not constitute a guarantee of product properties and they do not justify a contractual legal relationship.

Department issuing data sheet: Product safety department