

1 Identification of substance

- 2 Composition/Data on components:

- Dangerous components:

3 Hazards identification

- #### 4 First aid measures

- After inhalation Supply fresh air; consult doctor in case of symptoms.
- After skin contact
Instantly wash with water and soap and rinse thoroughly.
- After eye contact
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- After swallowing In case of persistent symptoms consult doctor.

Material Safety Data Sheet
According to 91/155 EC

Printing date 26.11.2002

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|---|---|
| Trade name | Metaflux 76-38 Schraubensicherung |
| 5 <u>Fire fighting measures</u> | <ul style="list-style-type: none"> • Suitable extinguishing agents CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam. • Protective equipment: No special measures required. |
| 6 <u>Accidental release measures</u> | <ul style="list-style-type: none"> • Person-related safety precautions: Not required. • Measures for environmental protection: Do not allow product to reach sewage system or water bodies. • Measures for cleaning/collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). |
| 7 <u>Handling and storage</u> | <ul style="list-style-type: none"> • Handling <ul style="list-style-type: none"> • Information for safe handling: Keep containers tightly sealed. Store in cool, dry place in tightly closed containers. • Information about protection against explosions and fires: No special measures required. • Storage <ul style="list-style-type: none"> • Requirements to be met by storerooms and containers: Store only in the original container. • Information about storage in one common storage facility: Not required. • Further information about storage conditions: Keep container tightly sealed. • Storage class • Class according to regulation on inflammable liquids: Void |
| 8 <u>Exposure controls and personal protection</u> | <ul style="list-style-type: none"> • Additional information about design of technical systems: No further data; see item 7. • Components with critical values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. • Additional information: The lists that were valid during the compilation were used as basis. • Personal protective equipment • General protective and hygienic measures The usual precautionary measures should be adhered to in handling the chemicals. <ul style="list-style-type: none"> Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin. • Breathing equipment: Not required. • Protection of hands: Protective gloves. • Eye protection: Safety glasses |

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9 Physical and chemical properties:

| | | | | |
|------------------------------------|----------------|----------------------------------|-------------|---------------|
| • Form: | Fluid | | | |
| • Colour: | Violet | | | |
| • Smell: | Characteristic | | | |
| • Change in condition | | <u>Value/Range</u> | <u>Unit</u> | <u>Method</u> |
| • Melting point/Melting range: | | Not determined | | |
| • Boiling point/Boiling range: | | Not determined | | |
| • Flash point: | | > 100 ° C | | DIN EN 22719 |
| • Self-inflammability: | | Product is not selfigniting. | | |
| • Danger of explosion: | | Product is not explosive. | | |
| • Density | at 20 ° C | 1.08 - 1.12 g/cm3 | | DIN 51757 |
| • Solubility in / Miscibility with | | | | |
| • Water: | | Not miscible or difficult to mix | | |
| • pH-value: | | Slightly acidic | | |
| • Viscosity: | | | | |
| • dynamic: | at 20 ° C | 700 - 1000 mPas | | DIN 54453 |
| • Solvent content: | | | | |
| • Organic solvents: | | 0.0 % | | |

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
- Dangerous reactions
Reacts with powdered metals
Danger of polymerisation
- Dangerous products of composition:
No dangerous decomposition products known

11 Toxicological information

- Acute toxicity:
- Primary irritant effect:
- on the skin: Irritant for skin and mucous membranes.
- on the eye: Irritant effect.
- Sensitization: Sensitization possible by skin contact.
- Additional toxicological information:
The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information:

- General notes:
Water hazard class 1 (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach
(Contd. on page 4)

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| <div style="text-align: right;">(Contd. of page 3)</div> ground water, water bodies or sewage system. |
| <p>13 <u>Disposal considerations</u></p> <ul style="list-style-type: none"> • Product: • Recommendation Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Must be specially treated under adherence to official regulations. • Uncleaned packagings: • Recommendation: Packagings that cannot be cleaned are to be disposed of in the same manner as the product. |
| <p>14 <u>Transport information</u></p> <ul style="list-style-type: none"> • Land transport ADR/RID and GGVS/GGVE (cross-border/domestic) • ADR/RID-GGVS/E Class: - • Maritime transport IMDG/GGVSea: • IMDG/GGVSea Class: - • Air transport ICAO-TI and IATA-DGR: • ICAO/IATA Class: - • Transport/Additional information: Not dangerous according to the above specifications. |
| <p>15 <u>Regulatory information</u></p> <ul style="list-style-type: none"> • Designation according to EC guidelines: The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV) • Code letter and hazard designation of product: Xi Irritant • Hazard-determining components of labelling: 2-hydroxyethyl methacrylate • Risk phrases: 36/38 Irritating to eyes and skin. 43 May cause sensitization by skin contact. • Safety phrases: 25 Avoid contact with eyes. 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 28 After contact with skin, wash immediately with plenty of soap and water • National regulations • Classification according to VbF: Void • Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water. |

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16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing data specification sheet: Productdevelopment.