



SAFETY DATA SHEET

FASERPLAST

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Issued: 20.11.2009

Revision No: 2

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: FASERPLAST

Product code: G2

Use of substance / preparation: Filler

Company name: AIRO CHEMIE

A. Schmiemann GmbH & Co KG

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2. HAZARDS IDENTIFICATION

Main hazards: Flammable. Harmful by inhalation. Irritating to eyes and skin.

Other hazards: In use, may form flammable / explosive vapour-air mixture.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: STYRENE 10-20%

EINECS: 202-851-5 CAS: 100-42-5

[-] R10; [Xn] R20; [Xi] R36/38

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

[cont...]

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Coated steel.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: STYRENE
WEL (8 hr TWA): 86 mg/m³ WEL (15 min STEL): 2

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Yellow-green

Odour: Characteristic odour

Solubility in water: Slightly soluble

Also soluble in: Most organic solvents.

Viscosity: Highly viscous

Viscosity value: n.V.

Boiling point/range°C: 145
Melting point/range°C: n.V.
Flammability limits %: lower: 1,1
upper: 8
Flash point°C: 34
Autoflammability°C: 480
Vapour pressure: 7 mbar
Relative density: 1,61 g/cm³
VOC g/l: 238

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to avoid: Heat.
Materials to avoid: Strong oxidising agents. Strong acids.
Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: STYRENE
IVN MUS LD50 90 mg/kg
ORL MUS LD50 316 mg/kg
ORL RAT LD50 2650 mg/kg
Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.
Persistence and degradability: Biodegradable.
Bioaccumulative potential: No bioaccumulation potential.
Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.
Waste code number: 08 04 09
Disposal of packaging: Dispose of as normal industrial waste.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: 1263
Packing group: III
ADR Class: 3
Classification code: F1

Shipping name: PAINT

Labelling: 3

Hazard ID no: 30



IMDG / IMO

UN no: 1263

Class: 3

Packing group: III

EmS: F-E,S-E*

Marine pollutant: .

Labelling: 3

IATA / ICAO

UN no: 1263

Class: 3

Packing group: III

Packing instructions: 309(P&CA); 310(CAO)

Labelling: 3

15. REGULATORY INFORMATION

Hazard symbols: Harmful.



Risk phrases: R10: Flammable.

R20: Harmful by inhalation.

R36/38: Irritating to eyes and skin.

Haz. ingredients (label): STYRENE

Seveso II guideline: Yes

Water hazard class: 2 Classification by VwVwS

Air emission directive: Class: II Item no: 5.2.5 Amount m%: 11

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

Risk phrases used in s.3: R10: Flammable.

R20: Harmful by inhalation.

R36/38: Irritating to eyes and skin.

SAFETY DATA SHEET

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Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.