

IMPORTANT SAFETY DATA

(extracted from MSDS – for further information consult MSDS)

POLYESTER RESINS, GELCOATS, FLOWCOATS

1. HAZARDS IDENTIFICATION

Flammable. Harmful by inhalation. Irritating to the eyes and skin

2. FIRST AID MEASURES

General:

In cases of doubt, or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep patient warm and at rest, if breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

Eye Contact

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Seek medical advice.

Skin Contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners

Ingestion

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

3. FIRE FIGHTING MEASURES

Extinguishing media:

Recommended:	alcohol resistant foam, CO ₂ , powders, water spray
NOT to be used:	water-jet

Recommendations:

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water.

4. HANDLING

The vapour is heavier than air and may spread along floors. Vapour may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational limits (section 8).

Products should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

Preparation may charge electrostatically; always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing and floors should be of the conducting type.

Keep containers tightly closed. Isolate from sources of heat, sparks and open flame.

Non-sparking tools should be used.

Avoid skin and eye contact. Avoid inhalation of vapour and spray mist.

5. STORAGE

Store in temperatures below 20 deg C, in a dry well, ventilated place away from sources of heat and direct sunlight. Keep away from sources of ignition. Keep away from oxidizing agents, strongly alkaline materials and strongly acidic materials.

6. EXPOSURE CONTROLS

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

7. OCCUPATIONAL EXPOSURE LIMITS

8 hour reference period: 20ppm

15 minute reference period: 40ppm

8. PERSONAL PROTECTION

Respiratory protection:

Full face or half mask with organic vapour filter. Use self-contained breathing apparatus when spraying or working at high concentrations.

Hand protection: For prolonged or repeated contact, use resistant gloves of polyvinylalcohol, ethylvinyl alcohol or Teflon. Barrier creams may help to protect the exposed areas of the skin. They should not be applied once exposure has occurred.

Eye protection: safety eyewear designed to protect against splash of liquids

Skin protection: antistatic clothing made of natural fibre or high temperature resistant synthetic fibre. All parts of the body should be washed after contact.

9. TOXICOLOGICAL INFORMATION

Exposure to component solvent vapour (styrene) concentrations in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.