

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

Trade Name and Synonyms	SunPatch® Fiberglass Patch
Chemical Name and Synonyms	Resin Solution
Chemical Family	Styrene
DOT Hazard Classification	Marine Pollutant, UN1866, Class 3, P6 111

HAZARDS IDENTIFICATION

Threshold Limit Value (TLV)	50 ppm
Primary Route of Entry	Range 1.12-1.75
Effects of Overexposure	Skin contact: moderate irritation (rash/dermatitis)

PHYSICAL DATA

Boiling Point	295°F
Vapor Pressure	4.5 @ 68°F
Vapor Density (air = 1)	+1.1
Specific Gravity (water = 1)	1.1
% Volatile (by volume)	41.24
Solubility in Water	Slight
Appearance and Odor	Styrene-aromatic hydrocarbon

FIRST AID MEASURES

Inhalation of Vapors	Excessive breathing of vapors can cause respiratory irritation, nausea and even asphyxiation.
Prolonged Skin Contact	Skin contact can cause moderate irritation (rash/dermatitis). Wash skin thoroughly with soap and water.
Eye Contact	Can cause severe irritation or burns. Flush eyes with large amounts of water. Get medical attention.

FIRE AND EXPLOSION DATA

Flash Point	Persky Martens 94°F, OSHA Class 1C, LEL 1.1, UUEL 6.1
Extinguishing Media	Alcohol foam, CO ₂ , dry chemical
Fire Fighting Procedures	Closed containers may be cooled by water to prevent pressure buildup. Firefighters should wear self-contained breathing apparatus.
Unusual Fire or Explosion Hazards	Closed containers may burst explosively when exposed to extreme heat.

REACTIVITY DATA

Stability and Incompatibility	Stable under normal use conditions. Avoid contact with oxidizing agents. Avoid overheating. Avoid direct exposure of resin to sunlight or ultraviolet light sources (except when applying as a repair).
Hazardous Decomposition Products	Smoke, CO ₂ , CO.

ENVIRONMENTAL INFORMATION

Handling and Storing Precautions

Store away from sources of heat and ignition. Avoid exposure to open flame, heat, oxidizing agents, direct sunlight, catalysts, and peroxides. Keep containers closed when not in use.

Miscellaneous

Do not take internally. For industrial use only. Keep out of reach of children.

Spill or Leak Procedures

Remove all sources of ignition and ventilate the area. Clean up spill with inert absorbent and non-sparking utensils.

Waste Disposal

Follow EPA Hazardous Waste Regulations.

PERSONAL PROTECTION INFORMATION

Respiratory Protection

Use adequate ventilation to keep vapors below TLV. If TLV is exceeded, use chemical respirator with an absorbent organic vapor cartridge, or an air supplied respirator with self-contained breathing apparatus.

Eye Protection

Use goggles for protection against spray or splashes.

Skin Protection

Wear protective neoprene or polyvinyl alcohol gloves for repeated contact.

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Approved By



Date
