

SUN CURE

Materials Safety Data Sheet

1. Identification and safety data UV curing Polyester Sheet Laminate materials.

Product Name *SUN CURE PATCH*
Manufacturer *WATER QUALITY SPECIALISTS UK LTD*
Email *kevin.mcgivern@wqs-uk.co.uk*

2. Composition/Information on ingredients

Identification	Unsaturated Polyester Resin with Styrene
Cas-No.	100-42-5
EC No.	202-851-5
Classification	R10, R20, Xn, Xi, R36/38

3. Hazards Identification

Most important hazards	Mild skin irritation
Specific hazards	Irritating to eyes and skin

4. First aid measures

General Advice	Avoid contact with skin and eyes
Skin Contact	Wash off immediately with soap and plenty of water.
Eye Contact	Consult a physician. Show this safety data sheet to the Doctor in attendance.
Ingestion	Consult a physician if necessary

5. Fire – Fighting measures

Suitable extinguishing media	Dry powder, foam, carbon dioxide (CO 2)
Extinguishing media which must be used for safety reasons	High Volume water jet

Specific hazards	Burning produces irritant fumes
Special protective equipment for fire fighters	In the event of fire, wear self contained breathing apparatus, protective suit.
Specific method	Standard procedure for chemical fires

6. Accidental release measures

Personal precautions	Avoid contact with skin and eyes
Environmental precautions	Do not let product enter drains
Methods for cleaning up	Soak up with inert absorbent material transfer to covered steel drums.

7. Handling and storage

Handling	Use only well ventilated areas. Keep away from heat and sources of ignition. General Industrial hygiene practice.
Storage	Keep containers tightly closed in a cool and well ventilated place.

8. Exposures controls/personal protection

Chemical name	Styrene
National occupational exposure limits	200ppm - 100ppm (Consult National limits)
Engineering measures	
Respiratory protection	No personal respiratory protective equipment normally required
Hand protection	Rubber or plastic gloves
Eye protection	Face Shield
Skin and body protection	Lightweight protective clothing
Hygiene measures	Keep away from food, drink, and animal feeding stuffs. Do not smoke. General industrial hygiene practice.

9. Physical and chemical properties

Form	Paste or liquid
Colour	Off-white, clear & other light colours available
Odour	Characteristic Styrene
PH	(50g/1H2O) 7 (20 CO)
Flash point	34 C
Flammability (Solid Gas)	Solid
Relative density	- lower 1.2 (20 ^o C)

10. Stability and Reactivity

Stability	Stable
Conditions to avoid	Heating can release hazardous gases
Material to avoid	Oxidizing agents
Hazardous Decomposition Products	Carbon Dioxides

11. Toxicological Information

Acute toxicity	Components of the product may be absorbed into the body by inhalation, ingestion and through the skin
Local effects	Moderate skin irritation

12. Ecological Information

Mobility	Do not let product enter drains
Other information	Formulated product – not applicable

13. Disposal consideration

Waste from residues/unused products	Cures with UV light (inert when cured). Solidify unexposed surplus and dispose of together with processed material as cured plastic waste-in accordance with local and national regulations.
Containment packaging	In accordance with local authority regulations for non-toxic, non-inflammatory, non-degrading, inert material

14. Transportation Information

UN number	Not applicable
Packaging group	Not applicable
ADR/RID	Not applicable
ICAO/IATA	Not applicable
IMDG code	Not applicable
Stow away from foodstuffs	Yes
Marine pollutant	Non hazardous for transport

15. Regulatory Information

Labelling to 1999/45/EC: Not applicable

S-Phrases
S24/25: Avoid contact with skin and eyes
S51: Use only in well ventilated areas

16. Other Information

Recommendation use	Do not use without prior materials training.
Recommendation restrictions	No smoking or naked flames, ventilate storage areas.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication.

Users of *Sun Cure* materials should familiarise themselves with storage, handling and application use to ensure all safety requirements are observed.

For further material and safety information, request technical service assistance from:

WATER QUALITY SPECIALISTS UK LTD

Email: kevin.mcgivern@wqs-uk.co.uk