

MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet meets or exceeds the requirements of the Japanese Industrial Standard JIS Z7250

1. Product and Supplier Identification

Product: Someru Dye

Product Use: Concrete Stain Color: Blue, Red, Yellow, or Black

Supplier: Smart Surface Technology Inc.,
Unit 143 – 14273 Knox Way,
Richmond, B.C., Canada, V6V 2Z7
Telephone: (604) 244-3122
Facsimile: (604) 244-3115

2. Composition

Component	% (w/w)	Exposure Limits
All Ingredients below the disclosure requirements of JIS Z7250	N/A	N/A

3. Hazards Identification

Routes of Entry:

Skin Contact: Minor Eye Contact: Minor Ingestion: Minor Inhalation: Minor

Acute Health Effects: Direct contact may cause minor irritation of the skin and eyes. In persons predisposed to skin problems, minor rash may occur. Temporary staining of the skin may occur. Eye irritation is expected to be minor, causing minor pain and redness. Although ingestion is not a typical route of entry, ingesting small amounts may cause minor abdominal discomfort. Consumption of large quantities could cause headache, nausea, vomiting, dizziness, and in very extreme cases, unconsciousness. Inhalation of vapours, if heated, may cause slight upper respiratory tract irritation.

Chronic Health Effects: Long term health effects are not expected when using this product as directed. This product is not expected to have any sensitization properties.

4. First Aid Measures

EYE CONTACT: Flush contaminated eye(s) with lukewarm, gently running water for 15 minutes, holding eyelids open. Seek medical attention if irritation persists.

SKIN CONTACT: Wash affected area immediately with mild soap and water. If irritation persists, seek immediate medical attention. Remove any contaminated clothing and launder clothing before reuse.

INHALATION: This is an unlikely route of entry, but if victim has been exposed to vapours as a result of heating the product, remove immediately to fresh air. If breathing has stopped, a trained person should perform artificial respiration. Get medical attention immediately.

INGESTION: Do not induce vomiting. If conscious, dilute contents of stomach with 1 – 2 glasses of milk or water. If vomiting occurs naturally, have victim lean forward to avoid aspiration. Seek medical attention.

5. Fire Fighting Measures

Flash point:	Not applicable
Autoignition temperature:	Not applicable. See information under "Fire Fighting Instructions"
Lower Explosive Limit:	Not applicable
Upper Explosion Limit:	Not applicable
Sensitivity to Impact:	Not sensitive.
Sensitivity to Static Discharge:	Not sensitive.

Hazardous Combustion Products: Burning may produce carbon monoxide, carbon dioxide, nitrogen oxides, sulphur oxides, chromium compounds and other toxic substances.

Extinguishing Media: Use a means of extinguishing surrounding fire.

Fire Fighting Instructions: This product is an aqueous solution, and will not combust. There are no specific recommendations for this product.

6. Accidental Release Measures

Personal Protection: Use protective impervious rubber gloves and clothing to reduce the chance of skin contact. Splash proof chemical goggles should be worn at all times.

Environmental Precautions: Not expected to have any environmental impact.

Cleanup Procedures: Absorb onto sand or other inert absorbent media. Shovel into approved closable waste containers for disposal. Thoroughly flush residue with water.

7. Handling and Storage

Handling Procedures: Use in an adequately ventilated area. Keep container tightly closed when not in use. Avoid methods of use that will cause misting of product. Launder clothing before
Handling and Storage, continued

reuse. Wash face and hands thoroughly after handling and before eating, drinking, or using tobacco products.

Storage: Store in cool, dry place and in an upright position to prevent leakage.

8. Exposure Controls, Personal Protection

Engineering Controls: If used indoors, ensure adequate ventilation.

Respiratory Protection: If product is atomized, or heated to product vapours, use a NIOSH approved organic vapour respirator.

Skin Protection: Wear impervious gloves and clothing to prevent skin contact.

Eye and Face Protection: Chemical splash-proof goggles must be worn at all times.

Other: Eye wash station should be located near work area.

9. Physical and Chemical Properties

Appearance:	Coloured, thin watery liquid	Melting Point:	Not applicable.
Odour:	Sweet odour	Boiling Point:	≈ 100 °C
pH:	Not available.	Critical Temperature:	Not applicable.
Vapour Pressure:	Not available.	Relative Density:	≈ 1.00 (water = 1)
Solubility:	Soluble in water in all concentrations.	Partition Coefficient:	No data
Vapour Density:	As for water.	Evaporation Rate:	Not applicable.

10. Stability and Reactivity

Chemical Stability: Product is stable.

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Products: Heating to dryness may cause the release of carbon dioxide, carbon monoxide, nitrogen oxides, sulphur oxides, and other toxic substances depending upon the dye colour.

Hazardous Polymerization: Hazardous polymerization will not occur.

11. Toxicological Information