

Material Safety Datasheet for Solcure WW & WWT

SECTION 1: IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Material & Description:	Environmentally Friendly Concrete Curing Compound
Trade Name:	Solcure WW & WWT
Chemical Name & Synonyms:	None.
Manufacturer:	Solco.
Address:	Unit 51, Portmanmoor Road Ind Est, Ocean Park, Cardiff, CF24 5HB.
Emergency Telephone Number:	+ 44 (0)808 1686927.

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Contains: Sodium Silicate Solution. 10-30%

CAS: 1344-09-8 [Xi] R38, [Xi] R41

SECTION 3: HAZARDS IDENTIFICATION / ADVERSE HUMAN HEALTH EFFECTS

Main hazards: Irritating to skin. Risk of serious damage to eyes

SECTION 4: FIRST AID MEASURES

Skin contact:	There may be mild irritation and redness at the site of contact. Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eyes contact:	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage. Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination..
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Remove casualty from exposure ensuring one's own safety whilst doing so.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA.

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES / SPILLS.

Personal precautions:	Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of MSDS. Turn leaking containers leak-side up to prevent the escape of liquid.
Environmental precaution:	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 methods.

SECTION 7: HANDLING AND STORAGE.

Handling requirement:	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.
Storage conditions:	Store in cool, well ventilated area. Keep container tightly closed..

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION.

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:	Use heavy duty gloves. Gloves may degrade or be damaged according to different circumstances of use. Always ensure gloves you are using are in good condition
Eye protection:	Eye protection designed to protect against liquid splashes, conforming to EN1166 Chemical Grade, should be worn when handling. Ensure eye bath is to hand.
Skin protection:	Wear suitable overalls. Remove grossly contaminated clothing and wash skin with plenty of clean water. Practice good personal hygiene.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

State:	Liquid
Colour:	Colourless (WW) / Light Blue (WWT)
Odour:	Odourless
Solubility in Water:	Highly Soluble
Viscosity:	Non-viscous
Relative density:	1.10-1.14

SECTION 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

SECTION 11: TOXICOLOGICAL INFORMATION.

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

SECTION 12: ECOLOGICAL INFORMATION.

Mobility: Readily absorbed into soil
Persistence and degradability: Biodegradable
Bio accumulative potential: No Bioaccumulation potential
Other adverse effects: Negligible ecotoxicity

SECTION 13: DISPOSAL CONSIDERATIONS.

Disposal operations: Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.

Waste code number: 16 03 04

Disposal of packaging: Any special regulatory disposal status or provisions applicable to the product may also apply to empty containers or packaging if they contain, or are impaired with residual material.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: TRANSPORT / LABEL INFORMATION.

Not classified as hazardous for transport

SECTION 15: REGULATORY INFORMATION.

EC Hazard Classification: Irritant

Risk phrases: R38: Irritating to skin,
R41: Risk of serious damage to eyes.

Safety phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S39: Wear eye/face protection.

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.

SECTION 16: ANY OTHER HEALTH AND SAFETY INFORMATION.

Training: All operatives using this material must receive proper training with regard to the health and safety aspects relating to it.

Recommended uses and restrictions: Use only in conjunction with appropriate industrial practice.

Sources of information used to compile MSDS: Various, further information available by special request.

NOTE: The information contained in this Material Safety Data Sheet does not constitute the user's own assessment of workplace risk as required by other Health and Safety legislation. The data given here is based on current knowledge and experience and may be updated as new information becomes available. The purpose of this Material Safety Data Sheet is to describe the product in terms of its safety requirements. The data does not signify any warranty with regard to its properties. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use.