



### CONCRETE CURING COMPOUND & TINTED GRADE

#### DESCRIPTION

Environmentally friendly concrete curing membrane. A blue grade version is also available to help in identification during application.

#### ADVANTAGES

- Economical and easy to use
- Tinted grade available to assist identification during application
- Prevents premature drying out of the concrete surface reducing the risks of surface cracking and reducing the risk of surface dusting.
- Improves the durability of the concrete surface
- Silane compatible, guaranteed not to adversely affect the bond of subsequent coatings, screeds or renders

#### USES

- Locks in moisture into freshly cast concrete surfaces to prevent premature drying out.
- Reducing the risks of surface cracking and dusting
- The tinted version allows areas to be easily identified
- The dye breaks down on exposure to UV light and will not permanently discolour the concrete

#### SPECIFICATION

<b>Colour:</b>	Light blue
<b>Coverage:</b>	5-6 sq meters per litre should be sufficient
<b>Packaging:</b>	210 litre drum, 25 litre bottle
<b>Storage:</b>	Store in dry, frost free conditions. Away from heat and direct sun light. Keep containers tightly closed.
<b>Shelf Life:</b>	1 year in sealed containers when stored as recommended.

#### APPLICATION

**For freshly cast surfaces:** Apply as soon as final tamping or trowelling has been finished. If surface water is present a second application is desirable as soon as the surface water has evaporated. Make sure the correct rate is used to avoid ponding as it may glaze the surface of the concrete.

**For surfaces struck from shuttering:** Flood coat with water as soon as the formwork is struck, apply the chosen grade as soon as the water has run off. If this is not carried out it is possible that the curing compound will be “sucked” below the concrete surface leaving the surface unprotected. If the Tinted grade has been used UV light may not be able to act upon the “fugitive dye” thus leaving the concrete with a permanent colour. This advice is applicable whatever grade you may be using.

**Note:** Care should be taken that over spray does not get onto paint or glass as it may cause permanent damage if not rinsed off immediately.

any excess material accumulated at the bottom. For porous formwork or when temperatures are below 5°C use alternative release agents.

#### QUALITY ASSURANCE

Products are manufactured under quality assured schemes.

Inform UK Ltd products are guaranteed against defective materials and manufacture. Products are sold subject to the Inform UK Ltd Terms and Conditions of Sale, copies of which are available on request. Inform UK Ltd endeavours to ensure that the above data and any further advice is correct, however Inform UK Ltd cannot accept liability for the use to which products are put or in the way in which they are used. All recommendations stated by the company are made in good faith. Recommendations so no over-ride the basic obligation of the user to satisfy themselves at all times as to suitability of the product for their particular application.



## 1.0 IDENTIFICATION OF SUBSTANCE/PREPARATION

**Product Name:** Ecocure WW  
**Description:** Concrete curing compound  
**Company:** TU-Chem Limited  
 26 Elton Avenue  
 High Barnet  
 Herts, EN5 2EA  
 Tel: 020 8447 0840

## 2.0 COMPOSITION/INFORMATION ON INGREDIENTS

**Contains:** Sodium Silicate Solution. 10-30% CAS: 1344-09-8 [Xi]  
 R38, [Xi] R41

## 3.0 HAZARD IDENTIFICATION

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

## 4.0 FIRST AID MEASURES

**Skin:** 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:** 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.

## 5.0 FIRE FIGHTING MEASURES

**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.

## 6.0 ACCIDENTAL RELEASE MEASURES

**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 method.

## 7.0 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.

## 8.0 EXPOSURE CONTROLS AND 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:** Protective gloves

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## 9.0 PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

**Colour:** Light blue

**Odour:** Odourless

**Solubility in Water:** Highly soluble

**Viscosity:** Non-viscous

**Relative Density:** 1.10-1.14

## 10.0 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

## 11.0 TOXICOLOGICAL INFORMATION

**Hazardous ingredients:** Sodium Silicate Solution ORL RAT LD50 2350-4300 mg/kg

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

## 12.0 ECOLOGICAL INFORMATION

**Mobility:** Readily absorbed into soil

**Persistence and degradability:** Biodegradable

**Bio accumulative potential:** No bioaccumulation potential

**Other adverse effects;** Negligible ecotoxicity

## 13.0 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.

## 14.0 TRANSPORT INFORMATION

Not classified as hazardous for transport.

## 15.0 REGULATORY INFORMATION

**Hazard Symbols:** No significant hazard.

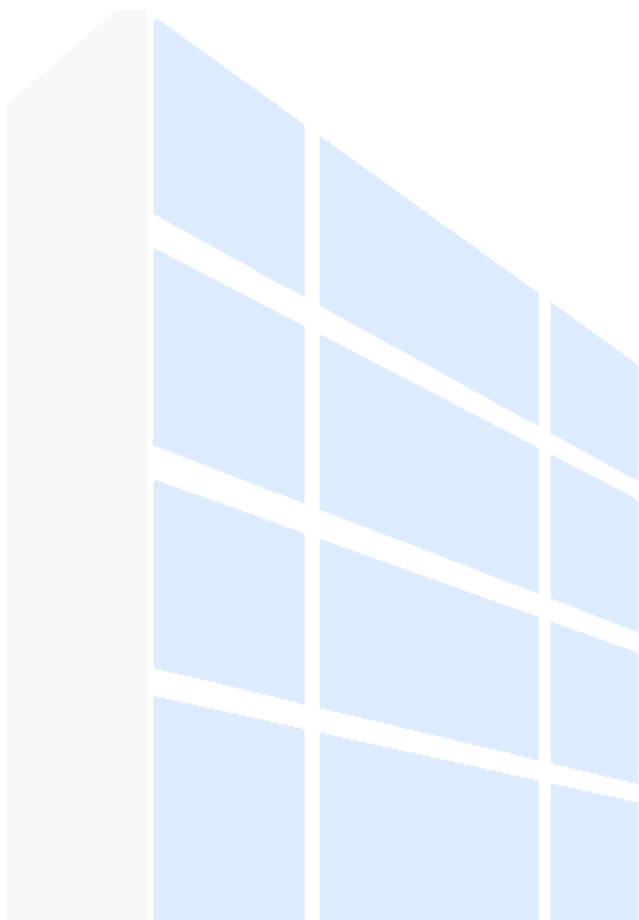
**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.



## 16.0 OTHER INFORMATION

Risk phrases used in S2: R38: Irritating to skin. R41: Risk of serious damage to eyes.

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