

# MATERIAL SAFETY DATA SHEET

## OD SOLAR SEALER

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1. Product Detail: O.D.SOLAR SEALER ACRYLIC EMULSION WATER BASED PAINTS  
Trade Name: PURE ACRYLIC WATER BASED SEALER
- Company Identification  
Manufacturer's Name: O.D.PAINTS SDN BHD  
Emergency Telephone Number: 012-2520448

### SECTION 2: HAZARDS IDENTIFICATION

The product is classified as dangerous according to Directive 1999/45/EC and its amendments. May cause sensitization by skin contact.



#### Emergency Overview

Avoid contact with extreme heat sources and open flame- may emit carbon monoxide and other toxic decomposition products when burned. Although treated to be fire resistant, service temperature should not exceed 90oc continuously. SOLAR SEALER insulation presents no unusual hazard if involved in a fire.

### SECTION 3: COMPOSITION / INFORMATION ON ONGREDIENTS

Ingredient	CAS No	%
Titanium Dioxide	13463-67-7	20 <
Cellulos Fibres	9004-62-0	85 <
Talc	7631-86-9	8 <

### SECTION 4: FIRST AID MEASURES

- General: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
- Skin contact: Immediately wash thoroughly with soap and water or use recognized skin cleanser. DO Not use solvents or thinners.
- Eyes contact: Check and Remove any contact lenses. Promptly wash eyes plenty of water while lifting the eye lids. Seek immediate medical attention.
- Ingestion: If swallowed, seek medical advice immediately and slop the container or label. Keep at rest. Do not induce vomiting.

## SECTION 5: FIRE FIGHTING MEASURE

Suitable Extinguishing Media : Any available media (Type A fire condition)  
Unsuitable Extinguishing Media : None  
Special Hazards in Fire: None (fire resistant)

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedure  
- Wear appropriate protective equipment, e.g. respirators, eye protection, gloves and safety shoes.  
Methods for cleaning: Sweep, shovel and/or vacuum up Shield Sealer and place in containers for disposal in accordance with applicable regulations

## SECTION 7: HANDLING AND STORAGE

Handling: No special handling is required. Handling on a “first in, first out “ basis is recommended to maintain package integrity  
Storage: Store in suitable, labeled containers. Store in dry area. Reseal container after use.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures: No specific controls needed. Use good housekeeping practices to minimize potential dust generation and accumulation

Personal protection:

Respiratory system - If worker are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use respiratory mask with charcoal and dust filter when spraying this product. (as filter combination A2-P2). In confined spaces, use compresses-air or fresh-air respiratory equipment, When use of roller or brush, consider use of charcoalfilter.

Hand protection: Generally not required – gloves are recommended if skin is broken or sensitive  
Eye protection : Generally not required – goggles may be warranted if environment is excessively dusty

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Liquid Form
<b>Odor</b>	Mild odor
<b>Density/Specific Gravity</b>	95 ku
<b>Vapor pressure (mm-HG)</b>	N/A
<b>Boiling Point</b>	N/A
<b>Shelf Life</b>	Min 12 months

## SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions (see section 7)

Hazardous decomposition product : None

Hazardous polymerization : Will not occur

## SECTION 11: TOXICOLOGY INFORMATION

There is no data available on the preparation itself. SOLAR SEALER is considered to exhibit relatively low acute toxicity.

Human studies of occupational exposure to borates showed no adverse effect to reproduction. No target organ has been identified in humans.

## SECTION 12: ECOLOGICAL INFORMATION

There is no data available on the preparation itself.

Do not allow to enter drains or watercourses.

## SECTION 13: DISPOSAL CONSIDERATIONS

Shield Sealer may be disposed of as a non-hazardous waste in accordance with applicable regulations.

## SECTION 14: TRANSPORT INFORMATION

Shield Sealer is not classified as a hazardous material for transport.

## SECTION 15: REGULATORY INFORMATION

Solar Sealer insulation has been classified in accordance with the hazard criteria of the Controlled Product Regulations and this MSDS contains all the information required by the Controlled Products Regulations.

## SECTION 16: OTHER INFORMATION

Information presented herein has been compiled from sources considered dependable and is accurate and reliable to the best of our knowledge and belief, but is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or any product is violation of any patent or in violation of any law or regulation. The user is responsible to determine the suitability of any material for a specific purpose and adopt necessary safety precautions. We make no warranty with results to be obtained in using any material and, since conditions or use are not under our control, we must necessarily disclaim all liability with respect to use of any material supplied by us.

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