# REMTOX W290 ALKALI RESISTANT SILICONE WATER REPELLENT

SDS 146
ISSUE 4
JANUARY 2008

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & OF THE COMPANY UNDERTAKING

| | | |
|---|---|---|
| A. | Product Name | **Remtox W290 Alkali Resistant Silicone Water Repellent** |
| B. | Supplier | Sovereign Chemicals Limited<br>Park Road<br>Barrow-in-Furness<br>Cumbria<br>LA14 4EQ |
| C. | Emergency Tel. No. | 01229 870800 – Office Hours<br>01785 272650 – Out of Hours |
| D. | Appearance | Liquid |
| E. | Odour | Slight |

## 2. HAZARDS IDENTIFICATION

Harmful –may cause lung damage if swallowed.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Key to proportions High 61-100%, Med 11-60%, Low 1-10%, Very Low <1%
Key to identification: A = Chip Index No, B = EEC No, C = CAS No.

| COMPONENT | CLASSIFICATION RISK PHRASES * | PROPORTIONS | EXPOSURE LIMITS | IDENTIFICATION |
|---|---|---|---|---|
| NAPHTHA (PETROLEUM) HYDROTREATED HEAVY | HARMFUL R65, R66 | HIGH | 1000 mg/m$^3$ | 64742-48-9 (C) |
| ALKYLSILICONE RESIN | FLAMMABLE R10 | LOW | NOT ASSIGNED | |

*see Paragraph 16

## 4. FIRST AID MEASURES

For product

| | |
|---|---|
| EYES | Irrigate immediately with copious amounts of water for 15 minutes. |
| SKIN | Wash thoroughly with soap and water as soon as possible. Remove contaminated clothing and launder before re-use. In cases of significant contamination or persistent irritation seek medical attention. |
| INGESTION | Give nothing my mouth. Seek medical attention immediately. DO NOT INDUCE VOMITING. |
| INHALATION | Under normal conditions of use should not present a problem. See paragraph 16. However, if vapour causes discomfort remove from affected area. |

Medical Practitioners may obtain further information from the National Poisons Information Centre.

## 5. FIRE FIGHTING MEASURES

A. Flash Point (ASTMD 56/ASTMD 93) >61ºC
B. Suitable Extinguishing Medial CO2, dry powder, foam or water fog.

**DO NOT USE WATER JETS**

## 6. ACCIDENTAL RELEASE MEASURES

If accidental spillage occurs immediately provide 'No Smoking' and 'No Naked Flames' warnings. Prevent liquid from entering sewers or watercourses. Spread sufficient non flammable absorbent material (or sand or earth) to contain the spillage and remove this to a safe place to allow solvent to evaporate. Final disposal should be carried out in an approved manner. Contaminated product should be disposed of at a licensed site.

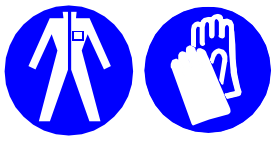
Spillages into waterways must be reported to the Environmental Agency Incident Report Line
(Tel: Freephone 0800 807060)

## 7. HANDLING AND STORAGE

Keep in original container in a cool dry store. Keep away from sources of ignition. Keep out of reach of children. No smoking. Areas are to be electrically isolated before treatment commences until a minimum of 36 hours after treatment.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Areas are to electrically isolated before treatment commences until a minimum of 36 hours after treatment.
Aliphatic solvent will be present during evaporation of the carrier solvent.
Adequate ventilation and warm air assist in dispersing any solvent vapours.
On storage suitable fire precautions should be observed. Store away from foodstuffs.
Unprotected persons and animals should be kept away from areas during and immediately after treatment. Any spillages or liquid seepage from injection holes must be immediately contained/absorbed onto suitable material and disposed of in accordance with local regulations.
Aliphatic solvent will be present during evaporation of the carrier solvent. Adequate ventilation and warm air assist in dispersing any solvent vapours.
On storage suitable fire precautions should be observed. Store away from foodstuffs.

| | | |
|---|---|---|
| INHALATION | Respiratory protection not required, except in confined areas with poor ventilation. See also paragraph 16. |  |
| EYES | When applying under pressure, eye goggles or face shield should be worn where risk of splashing occurs. |  |
| HANDS,FACE,BODY | Wear overalls and impervious PVC gloves. Contaminated clothing should be changed immediately and laundered. |  |
| SPECIAL ITEMS TO BE KEPT IN FIRST AID BOX | In common with most solvent based product, will cause defatting action on skin. If skin tends to be dry, an emollient or condition cream is recommended. | |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| Boiling Point | 175ºC-220ºC |
| U.E.L. | 8.0% w/w |
| L.E.L. | 0.6% w/w |
| Flash Point | >61ºC |
| Vapour Pressure | 3mbar @ 37·8ºC |
| Viscosity at 40ºC | 1.9 cSt |
| Specific Gravity | 0.804 |
| Auto Flammability | 230ºC |

## 10. STABILITY AND REACTIVITY

Avoid some oxidising agents and acids.

Product reacts with water to form a gel. Product should not be allowed to contaminate polystyrene, bitumen or asphalt-based materials.

## 11. TOXICOLOGICAL INFORMATION

| | |
|---|---|
| INHALATION | High vapour concentrates can cause intoxication, headache and nausea and may prove irritating to mucous membranes. However, see paragraph 16. |
| INGESTION | Harmful if swallowed can cause lung damage. Irritation to mouth, throat and digestive tract. Can cause vomiting and abdominal pain. Significant absorption can cause sleepiness and pulmonary oedema. |
| SKIN | Low order of toxicity. Frequent or prolonged contact may irritate and cause defatting of the skin, leading to dermatitis. |
| EYES | Slightly irritating, but does not injure eye tissue. |

## 12. ECOLOGICAL INFORMATION

96 hour LC50>5000mg/lt. Low toxicity to fish. However, entry into streams, sewers and rivers should be prevented.

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with Local Authority Regulations. Use only licensed waste hauliers and disposal contractors.

## 14. TRANSPORT INFORMATION

Not regulated for transport.

## 15. REGULATORY INFORMATION

**HARMFUL**

| | |
|---|---|
| R65 | Harmful –may cause lung damage if swallowed |
| R66 | Repeated exposure may cause skin dryness or cracking |
| S2 | Keep out of reach of children |
| S62 | If swallowed do not induce vomiting – seek medical advice immediately and show container or label |

The owner or occupiers of any adjoining property should be consulted before starting installation of a chemical dampproof course. Ventilation should be maximised during the phase where solvent evaporation occurs. The solvent carrier can be injurious to the feet of domestic pets.

## 16. OTHER INFORMATION

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our product from the point of view of safety requirements. It should not be construed, therefore, as guaranteeing specific properties.
Setting Occupational Exposure Limits – As defined by HSE

Criterion 1

The available scientific evidence allows for the identification, with reasonable certainty of a concentration averaged over a reference period, at which there is no indication that the substance is likely to be injurious to employees if they are exposed by inhalation day after day to that concentrate; and

Criterion 2

Exposures to concentrations higher than that derived under criterion 1 and which could reasonably occur in practice, are unlikely to produce serious short or long-term effects on health and over the period of time it might reasonably be expected to take to identify and remedy the cause of excessive exposure; and

Criterion 3

The available evidence indicates that compliance with the O.E.S., as derived under criterion 1, is reasonably practicable.

This product has been assigned on OES of 300 ppm (8 hour TWA) (Time weighted average for normal working day). There is no requirement during application to wear respirators, even if the material has been spilt (see 2 above). However, it would be prudent to wear a respirator incorporating a dual purpose (A1P2) filter in confined areas with little ventilation.

Risk phrases used in Section 3;

R10 Flammable
R65 Harmful –may cause lung damage if swallowed
R66 Repeated exposure may cause skin dryness or cracking

This Safety Data Sheet Issue 3 replaces Issue 2 following review.