

# Safety Data Sheet

DATE: 31/03/16

## 1. IDENTIFICATION OF THE PREPARATION:

**PRODUCT DESCRIPTION:** SOLAR VARNISH

**2. HAZARDS IDENTIFICATION:** Harmful by inhalation and in contact with skin, irritating to eyes and respiratory system, flammable.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS:

**ETHYLBENZENE** Xn; R20/21

**XYLENE** Xi; R36/37/38, R10, R11 50-60%

## 4. FIRST AID MEASURES:

**INHALATION:** Remove to fresh air, if conscious turn into recovery position. Get medical help.

**SKIN:** Wash with soap and water.

**EYES:** Flush out with clean water for 10 minutes. Get medical help.

**INGESTION:** Seek urgent medical attention.

## 5. FIRE FIGHTING MEASURES:

**SMALL FIRES:** Use Carbon Dioxide, dry chemical, foam, sand, earth or water fog.

**LARGE FIRES:** Use foam or water fog. Keep containers cool by spraying with water.

### **N.B.**

Decomposition products will give rise to toxic fumes. Self-contained breathing apparatus must be worn.

## 6. ACCIDENTAL RELEASE MEASURES:

In case of spillage, extinguish all ignition sources; avoid sparks, flames, heat and smoking.

Ventilate. Absorb spillage using vermiculite, dry sand or earth and place in container. Avoid inhaling vapour, evacuate personnel from the area. If it has entered the drains, inform the appropriate authorities (fire service).

## 7. HANDLING & STORAGE:

Avoid contact with skin or eyes. Avoid breathing vapours. Handle in a well-ventilated workspace. Empty containers may contain explosive vapours. Flush empty containers with water to remove residual flammable liquid and vapours. Smoking in area is prohibited. Remove all equipment, which may be sources of ignition, from vicinity while handling.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION:

INGREDIENT	CAS no	STD	LONGTERM EXPOSURE (8HRS)	SHORT TERM EXPOSURE
Ethylbenzene	100-41-4	OES	100 ppm	125 ppm
Xylene	1330-20-7	OES	50 ppm	100 ppm

**EYE PROTECTION:** Close fitting goggles or face shield

SKIN PROTECTION: Overalls with solvent resistant gloves

RESPIRATORY PROTECTION: In poorly ventilated areas a cartridge mask suitable for solvent vapours and toxic particles is recommended.

## 9. PHYSICAL & CHEMICAL PROPERTIES

COLOUR:	White
GLOSS:	Eggshell
VISCOSITY:	11 – 12 poise R/T @ 20°C
DRYING:	Touch Dry: 20 – 40 minutes Hard Dry: O/N
CURE:	N/A
APPLICATION VISC:	As supplied
THINNERS:	50/1
MIXING RATIO:	N/A
SUPPLIED SOLIDS:	35 +/- 2% by volume
CALCULATED SUPPLIED V.O.C:	550 +/- 20gms/Litre
COVERAGE:	9-10 Square Metres/Litre @ 35microns DFT
FLASH POINT:	22 – 55°C
RESISTANCE:	N/A
S.G:	1.14 +/- 0.03

## 10. STABILITY & REACTIVITY:

STABILITY:	Stable
REACTION WITH WATER:	None
DANGEROUS REACTIONS:	None Known
HAZARDOUS POLYMERISATION:	Will not occur
MATERIALS TO AVOID:	Strong oxidising agents
DANGEROUS DECOMPOSITION PRODUCTS:	Strong oxidising agents, Carbon Monoxide Carbon dioxide and Nitrogen Dioxide. Nitrogen Dioxide reacts with water to form corrosive Nitric Acid.

## 11. TOXICOLOGICAL INFORMATION:

Can cause irritation to eyes, mucous membranes and skin.

**12. ECOLOGICAL INFORMATION:**

No Data Available

**13. DISPOSAL CONSIDERATIONS:**

This material must be disposed of via an Authorised Waste Disposal Company in accordance with Local and National Waste Disposal Regulations.

**14. TRANSPORT INFORMATION:**

HAZARD CLASS:	3
UN NUMBER:	1263
HAZARD LABEL:	Flammable Liquid Paint Class 3
PACKING GROUP:	3
TREMCARD NO:	33
MARINE POLLUTANT:	No
A.D.R:	Class 3 item 3,1 (c)

**15. REGULATORY INFORMATION:**

PRIMARY RISK:	Flammable
SECONDARY RISK:	Harmful
LABEL RISK PHRASES:	R20/21 Harmful by inhalation and in contact with the skin R36/37/38 Irritating to eyes, respiratory system and skin R10 Flammable R11 Highly flammable
LABEL SAFETY PHRASES: S	9 Keep containers in a well-ventilated place S16 Keep away from sources of ignition S23 Do not breathe vapour S29 Do not empty into drains S33 Take precautionary measures against static discharge S38 In case of insufficient ventilation wear suitable respiratory equipment

**16. OTHER INFORMATION:**

For further Health and Safety information contact the address below.

The information given in this leaflet has been compiled on the basis of best availability knowledge. It does not imply that the information is complete or accurate in all cases. It is the user's responsibility to satisfy him/herself as to the implication of the information and/or the recommendations given for his/her own use.