

# ShaliMark W

Cold Applied Water Based Road Marking Paint



## Material Safety Data Sheet

### Identification of the substance/preparation and of the company/undertaking

<b>Trade Name</b>	<b>ShaliMark W</b>
<b>Intended Use</b>	Road Marking
<b>Company Name</b>	<b>STP Limited</b> 707, Chiranjeev Tower, 43 Nehru Place, New Delhi 110019, India Phone : +91 11 4656 1359 Fax : +91 11 4656 1358
<b>Emergency Information</b>	Phone : +91 81302 98888 Fax : +91 11 4656 1358

### [ 1 ] Composition / information on ingredients

Component	%	CAS No
Acrylic resin	30-60 %	Not available
Additive	03-05 %	7664-41-7
Extenders	30-35 %	8061-51-6
Pigments	15-20 %	Trade secret
Water	05-10 %	7731-18-5
Glass beads separately	100 %	65997-60-7

### [2] Hazards Identification

<b>Inhalation</b>	Classified as Non hazardous material .Excessive inhalation can cause nausea, headache, intoxication and Unconsciousness.
<b>Ingestion</b>	May cause irritation to the digestive tract and mouth causing vomiting and abdominal pain
<b>Skin Contact</b>	Prolonged contact will affect and dry the skin and may lead to irritation and dermatitis.
<b>Eye Contact</b>	Will cause intense smarting and irritation

### [3] First-aid Measures

<b>Inhalation</b>	Remove to fresh air. Give oxygen / artificial respiration if needed. Consult Doctor.
<b>Ingestion</b>	Do not induce vomiting. Give plenty of milk or water. Consult Doctor.
<b>Eye Contact</b>	Flush with clean water for minimum 15 minutes. Consult Doctor.

<b>Skin Contact</b>	Remove contaminated clothing. Apply proprietary skin cleaner, then wash with copious soap and water. Apply skin cream.
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**[4] Fire-fighting Measures**

<b>Extinguishing Media</b>	None Not flammable.
<b>Special Fire Fighting procedures</b>	None .
<b>Unusual Fire &amp; Explosion Hazards</b>	None .Material is not flammable.

**[5] Accidental Release Measures / Spills and Leaks**

<b>Steps to be taken in case material is released or spilled</b>	Wear suitable protective clothing,gloves and eye/face protection.Prevent entry into drains,sewers and water sources.Soak up with inert absorbent or remove by best available means.
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**[6] Handling & Storage**

<b>Precautions for safe handling</b>	Keep in tightly closed container in cool dry area .
<b>Other precautions</b>	Store away from oxidizing agents, peroxides, Food stuffs

**[7] Exposure Controls / Personal Protection**

<b>Respiratory Protection (Type)</b>	Self contained breathing apparatus if in enclosed spaces. Otherwise, not normally required.
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**[8] Ventilation**

<b>Local Exhaust</b>	Ensure adequate ventilation to comply with OEL.
<b>Protective Gloves</b>	Rubber, PVC
<b>Eye Protection</b>	Safety goggles Long sleeved overalls

### [9] Physical & Chemical Properties

<b>Appearance</b>	White/Yellow liquid paint .
<b>Odour</b>	Typical water based paint odour
<b>pH</b>	>9.5
<b>Boiling Point/Boiling range °C</b>	100
<b>Specific Gravity</b>	1.3 – 1.7
<b>Vapour pressure(MM mercury)</b>	Negligible
<b>Melting Point /Freezing point</b>	N/A
<b>Water Solubility</b>	Soluble
<b>Viscosity at R.T.</b>	Approx.2000 cps
<b>Percentage Volatile by volume %</b>	20 % appx
<b>Evaporation Rate (Butyl Acetate=1)</b>	N/A
<b>Flash Point °C / Method used</b>	N/A
<b>Lower Explosive limits</b>	N/A
<b>Upper Explosive limits</b>	N/A

### [10] Stability & Reactivity

<b>Stability</b>	Stable under normal conditions
<b>Conditions to avoid</b>	Temp below 0°C and above 60°C
<b>Incompatibility/Materials to avoid</b>	Oxidising agents, strong acids, alkalis, Halogens
<b>Hazardous Decomposition Products</b>	Combustion produces toxic gases
<b>Hazardous Polymerisation</b>	Will not occur

### [11] Toxicological Information

No health Hazard at ordinary temperature

### [12] Ecological Information

Non pollutant

### [13] Disposal Consideration

Incinerate or landfill according to local regulations

#### [14] Transport Information

<b>Class</b>	Non Hazardous material
<b>Packaging Group</b>	Not available
<b>Classification Code</b>	Not available
<b>Hazard Ident. Number</b>	N/A
<b>UN Number</b>	Not available
<b>HI</b>	N/A
<b>Label</b>	N/A
<b>Technical Name</b>	Water based Road Marking

#### [15] Regulatory Information (Risk & Safety Phrases)

<b>R10</b>	Not Flammable
<b>R40/21</b>	N/A
<b>S24</b>	Avoid contact with skin
<b>S36/37/39</b>	Wear suitable protective clothing, gloves and eye / face protection

#### [16] Other Health & Safety Information

Recommended uses and restrictions: See below

Source of key information used to compile SDS, CHIP regulations 1994. EH40

If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

#### Note

The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation (e.g. the Health and Safety at Work Act, 1974; the control of Substances Hazardous to Health Regulations, 1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.