

ShaliSeal CSS A

2K Solvent Free MMA Based Coloured Slurry Seal



STP Limited

Material Safety Data Sheet

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

Trade Name	ShaliSeal CSS A
Intended Use	Coloured Road coating
Company Name	STP Limited 43 Nehru Place 707 Chiranjiv Towers, New Delhi 110019, India Phone : +91 11 46561359 Fax : +91 11 46561358
Emergency Information	Phone : +91 81302 98888 Fax : +91 11 46561358

[1] Composition / information on ingredients

Component	%	CAS No
Methyl Methacrylate	15 -20	80-62-6
Crystalline Quartz	50 – 60	14808-60-7

[2] Hazards Identification

Inhalation	May be harmful if inhaled. Irritating to the respiratory tract (nose, mouth, mucous membranes)May cause central nervous system depression with nausea, headache, dizziness, vomiting, and in coordination
Ingestion	Ingestion may cause irritation to mucous membranes. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea
Skin Contact	May cause allergic skin reaction. Irritating to skin
Eye Contact	Direct eye contact may cause irritation

[3] First-aid Measures

Inhalation	Remove to fresh air. Give oxygen/artificial respiration of needed. Consult Doctor
Ingestion	Do not induce vomiting. Give plenty of milk or water. Consult Doctor.
Eye Contact	Flush with clean water for minimum 15 minutes. Consult Doctor.
Skin Contact	Remove contaminated clothing. Wash with copious soap and water. Apply skin cream.

[4] Fire-fighting Measures

Extinguishing Media	Flammable liquid. Use Water jet, Dry powder, CO2, Earth, Sand, Foam.
Special Fire Fighting procedures	Wear self contained breathing apparatus, Full protective clothing. Spray drums with Water to keep cool.
Unusual Fire & Explosion Hazards	Vapour is heavier than air. Combustion Produces toxic gases. Vapors can form an ignitable mixture with air

[5] Accidental Release Measures / Spills and Leaks

Steps to be taken in case material is released or spilled	Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use personal protective equipment. Ensure adequate ventilation. Soak up with inert absorbent material. Take up mechanically. Put into suitable containers. Prevent from entering water courses
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[6] Handling & Storage

Precautions for safe handling	Keep in tightly closed container in cool dry area from all sources of ignition
Other precautions	Store away from oxidizing agents, peroxides, Food stuffs

[7] Exposure Controls / Personal Protection

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

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

[9] Physical & Chemical Properties

Appearance	Viscous liquid
Odour	Typical odour of MMA
pH	N/A
Boiling Point/Boiling range °C	N/A

Specific Gravity	1.8 approx
Vapour pressure(MM mercury)	N/A
Melting Point /Freezing point	N/A
Water Solubility	Insoluble
Viscosity	N/A
Percentage Volatile by volume	N/A
Evaporation Rate (Butyl Acetate=1)	N/A
Flash Point °C / Method used	10
Lower Explosive limits	1.7
Upper Explosive limits	8.2

[10] Stability & Reactivity

Stability	Stable under normal conditions
Conditions to avoid	High temperatures, Ignition source
Incompatibility/Materials to avoid	Oxidizing agents . Free-radical generating sources
Hazardous Decomposition Products	Combustion produces toxic gases
Hazardous Polymerization	Polymerization may occur when exposed to excessive heating and incompatibles

[11] Toxicological Information

No information available

[12] Ecological Information

No data. The environmental impact of this product has not been fully investigated.

[13] Disposal Consideration

Hazardous waste. Dispose according to local regulations. Do not re-use empty containers. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

[14] Transport Information

Class	Product is not regulated by Dept of Transportation
Packaging Group	N/A
Classification Code	N/A
Hazard Ident. Number	N/A
UN Number	1263
RID-ADR	3
HI	N/A
Label	N/A

Technical Name	MMA coating
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[15] Regulatory Information (Risk & Safety Phrases)

R10	N/A
R40/21	N/A
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
S24	N/A
S36/37/39	Wear suitable protective clothing, gloves and eye / face protection

[16] Other Health & Safety Information

Recommended uses and restrictions: 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.

Notes

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.