ShaliKote® MMA

High Performance PMMA Based Clear Lacquer

STP Limited

Material Safety Data Sheet

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

Trade Name	**ShaliKote® MMA**
Intended Use	Concrete and metal protection by retaining its natural appearance
Company Name	**STP Limited** 3rd floor, Farm Bhawan 14-15 Nehru Place, New Delhi 110019, India Phone : +91 11 4656 1359 Fax : +91 11 4656 1358
Emergency Information	Phone : +91 81302 98888 Fax : +91 11 46561 358

[1] Composition / information on ingredients

Component	% by weight**	CAS No
Polymethyl methacrylate	20-50	9011-14-7
Non-reactive Diluent	20-50	Trade Secret
Propan-2-one	10-30	67-64-1
Additives	1-5	Trade Secret

**** The actual composition has not been mentioned due to trade secret**

[2] Hazards Identification

Inhalation	May cause irritation to the respiratory tract, with symptoms of Bronchitis.
Ingestion	May cause abdominal cramps, nausea, vomiting, diarrhea
Skin Contact	May cause sensitization by skin contact.
Eye Contact	May cause irritation

[3] First-aid Measures

Inhalation	Allow the victim to rest in a well ventilated area. Seek a medical attention
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or

	waistband. Get medical attention if symptoms appear.
Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek a medical attention.
Skin Contact	In case of contact, take of all contaminated clothes immediately, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Seek a medical attention

[4] Fire-fighting Measures

Extinguishing Media	CO_2, Foam, extinguishing powder, in case of larger fires ,water spray should be used.
Special Fire Fighting procedures	Fire fighter must wear self contained breathing apparatus.
Unusual Fire & Explosion Hazards	High volume water jet Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen and traces of hydrogen cyanide. In the event of fire and/or explosion do not breathe fumes. Firemen must wear self-contained breathing apparatus. Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters

[5] Accidental Release Measures / Spills and Leaks

Steps to be taken in case material is released or spilled	Do not allow to escape into waterways, wastewater or soil.

[6] Handling & Storage

Precautions for safe handling	Keep in tightly closed container in cool dry area from all sources of ignition
Other precautions	Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

[7] Exposure Controls / Personal Protection

Engineering controls	Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use

Personal Protective Equipment	Protective Gloves, face protection, protective clothing.
Respiratory protection	Respiratory protection required in insufficiently ventilated working areas and during spraying
Glove type (AS2161)	Suitable materials for safety gloves; DIN EN 374-3:
Eye protection	Wear safety glasses, which comply with local standards
Clothing	Wear suitable Protective clothing
Others	Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals

[8] Ventilation

Local Exhaust	Ensure adequate ventilation to comply with OEL.

[9] Physical & Chemical Properties

Appearance	Clear transparent
Odour	Solvent
Initial Boiling Point	:ca 58 **º** C
Specific Gravity	0.85 to 0.93 approx.
Vapour pressure(kPa at 20°C)	110 mm Hg
Pour Point	Ca 48 ºC
Water Solubility	immiscible
Flash Point °C	16 °C
n-butyl acetate upper	7,5 %(V) / lower: 1,2 %(V)

[10] Stability & Reactivity

Stability	Stable under normal conditions
Conditions to avoid	Temperatures below 0°C and above 50 º C.
Incompatibility/Materials to avoid	Oxidizing agents, strong acids, alkalis, Halogens
Hazardous Decomposition Products	**:** No hazardous decomposition products when stored and handled correctly.
Hazardous Polymerisation	Will not occur

[11] Toxicological Information

The following toxicological assessment is based on knowledge of the toxicity of the product's components. Oral LD50, rat >5g/kg

Health Effects
On Eyes : May cause transient irritation.
On Skin : Unlikely to cause harm on brief or occasional contact.
By Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.
By Ingestion: Low order of acute toxicity. May cause irritation of mouth, throat and digestive tract.
Chronic : None known

[12] Ecological Information

Environmental Assessment : When used and disposed of as intended, no adverse environmental effects are foreseen.
Mobility : Mobile liquid. Insoluble in water.
Persistence and Degradability: Expected to be not readily biodegradable.
Bio accumulative Potential : Not expected to be bio accumulative.
Ecotoxicity : Expected to be ecotoxic to fish/daphnia/algae

[13] Disposal Consideration

Dispose in accordance with all local and governmental regulations

Unused Product : Dispose of through an authorized waste contractor to a licensed site.
Used/Contaminated Product: As for Unused product.
Packaging : May be steam cleaned and recycled.

[14] Transport Information

UN number	1866
Dangerous goods class	3
Subsidiary risk	30
EPG card	None Allocated
Shipping name	Resin solution
Packing group	III
Poisons schedule	S6
Hazchem code	3

[15] Regulatory Information (Risk & Safety Phrases)

Risk Phrase	R36/38
Safety Phrase	S23
Poisons Schedule	S6
Hazard Category	Irritant, Dangerous for the environment
Classification	3

[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.

Note

The information contained in this Safety Data Sheet does not constitute the user's 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.

END OF MSDS

Date of issue: 1st July 2026