

Surface Conditioner

SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

1.1 Product Identifier

Product Name: Surface Conditioner

1.2 Relevant Identified Uses of the Substance

Product Use: Surface conditioner for painted Dry Erase surfaces

1.3 Details of the Supplier of the SDS

Company Name: Master Coating Technologies
2777 Eagandale Boulevard
Eagan, MN 55121

1.4 Emergency Telephone Numbers

General Phone Number: 1.800.898.0219
General Fax Number: 1.651.209.3170
INFOTRAC: For emergencies call 1.800.535.5053

2. HAZARD IDENTIFICATION

2.1 Classification of the Substance or Mixture

Hazard Classification: Not Classified

2.2 Label Elements

Pictogram: Not Required
Signal Word: None
Hazard Statement: None
Precautionary Statement: None

2.3 Other Hazards

Description of additional HNOC: None

3. INFORMATION ON INGREDIENTS

3.1 Substance: None

3.2 Mixture

COMPONENT	CAS NUMBER	CONCENTRATION (wt%)
Water	7732-18-5	>70%
Petroleum Distillates Hydrotreated Light	64742-47-8	7 – 13%
Polydimethyl Siloxanes	63148-62-9	3 – 8%
Kaolin Clay	1332-58-7	8 – 12%
Aminofunctional Siloxanes	71750-80-8	1 – 5%

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

Inhalation: Remove to fresh air and promote deep breathing. Get medical attention if effects persist. **Skin:** In case of skin contact, wash thoroughly with soap and water. If irritation persists get medical attention. **Eyes:** In case of eye contact, immediately flush eyes with plenty of water. Remove contact lenses if worn. Irritation persists, get medical attention. **Ingestion:** If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if effects persist.

4.2 Most important symptoms and effects - acute and chronic

Inhalation: May cause respiratory tract irritation. **Skin:** May cause skin irritation. Symptoms may include drying, cracking or mild dermatitis. **Eyes:** May cause temporary eye irritation. Symptoms may include redness, discomfort, and excess tearing. **Ingestion:** may be harmful if swallowed. may cause stomach distress, nausea and vomiting.

4.3 Indication of any immediate medical attention and special treatment

Symptoms may not appear immediately. Seek medical attention if effects persist and you feel un-well.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Water spray, carbon dioxide, dry chemical, and alcohol foam

5.2 Special hazards arising from the substance or mixture

CO₂, CO, and hydrocarbons

5.3 Advice for Fire Fighters

Keep up wind of fire. Wear full firefighting turn out gear (full bunker gear) and respiratory protection (SCBA). See Section 8 for personal protection.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precaution, protective equipment, and emergency procedures

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 Methods and materials for containment and clean up

For containment: Contain and absorb spill with inert material. Place in suitable container for disposal.

For clean up: Take up material and place in a suitable container. Provide adequate ventilation. Spilled material may be slippery.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not swallow. Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. Launder all clothing before re-use.

7.2 Conditions for safe storage including incompatibilities

Keep out of reach of children. Keep container tightly closed. Store in a well ventilated place. Do not store above 49°C (120°F).

7.3 Specific end uses

Shelf Life: Shelf life is considered to be 7-10 years when properly stored and kept closed.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

8.1 Control parameters

EXPOSURE LIMITS	8HR TWA	(OSHA PEL)	ACGIH TWA)
Petroleum Distillates Hydrotreated Light		100 ppm	200 ppm
Kaolin Clay		15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)	2 mg/m ³
Aminofunctional Siloxanes		Not applicable	Not applicable
Polydimethyl Siloxanes		Not applicable	Not applicable

8.2 Exposure controls

Use adequate ventilation to keep exposure below recommended limits. Ensure that eye wash station and safety shower are close to work station.

Hand Protection Equipment: Wear chemical resistant gloves and clothing to prevent skin contact

Eye Protection Equipment: Wear safety glasses or splash goggles to prevent eye contact.

Skin and Body Protection: Wear suitable protective clothing.

Respiration/Ventilation Protection Requirements: Provide good ventilation.

Ingestion Protection Requirements: Do not eat, drink smoke while handling. Wash hands with soap and water after handling. Launder all clothing and foot wear before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information of basic chemical and physical properties

Physical Form: Viscous liquid

Color: White

Odor: Typical solvent

Odor Threshold: Not available

pH: 8.0

Melting Point / Freeze Point: 0°C (32°F) – Based on Water

Initial Boiling Point: 100°C (212°F) – Based on Water

Flash Point (Seta Closed Cup): >93C (200F)

Flammability & Explosive Limits: NA

Evaporation Rate: NA

Flammability Solid/Gas: Not applicable

Vapor Pressure: NA

Vapor Density: NA

Solubility in Water: Dispersion

Auto Ignition Temp: NA

Partition coefficient (n/octonol/water): NA

Viscosity: 4300 cP

9.2 Other information

% NVM by Weight: 18%

% VOC Content: 4%

10. STABILITY AND REACTIVITY

10.1 Reactivity

Does not react under normal conditions

10.2 Chemical Stability

Stable

10.3 Possibility of hazardous reactions

Does not react under normal conditions

10.4 Conditions to avoid

Heat and incompatible materials

10.5 Incompatible materials

Strong oxidizers such as bleach and peroxides

10.6 Hazardous decomposition products

CO₂, CO and hydrocarbons

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Surface Conditioner

LD50 - Oral Rat	>2000 mg/Kg
LD50 - Dermal Rat	>2000 mg/Kg
LC50 - Inhalation Rat	>20 mg/L (4 hr)

Petroleum Distillate Hydrotreated Light (64742-47-8)

LD50 - Oral Rat	>5000 mg/Kg
LD50 - Dermal Rat	>2000 mg/Kg
LC50 - Inhalation Rat	5.2 mg/L (4 hr)

Skin corrosion/irritation: base on available data, classification data are not met.

Serious eye damage/irritation: base on available data, classification data are not met.

Respiratory or Skin sensitization: base on available data, classification data are not met.

Germ cell mutagenicity: base on available data, classification data are not met.

Carcinogenicity: base on available data, classification data are not met.

Reproductive toxicity: base on available data, classification data are not met.

Specific target organs - single exposure: base on available data, classification data are not met.

Specific target organs - repeated exposure: base on available data, classification data are not met.

Aspiration hazard: base on available data, classification data are not met.

Symptoms/injuries after inhalation: May cause respiratory tract irritation.

Symptoms/injuries after skin contact: may cause skin irritation. Symptoms may include drying, cracking, or mild dermatitis.

Symptoms/injuries after eye contact: May cause temporary eye irritation. Symptoms may include redness, discomfort, and excess tearing.

Symptoms/injuries after ingestion: May be harmful if swallowed. May cause stomach distress, nausea and vomiting.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Not recommended for release into aquatic systems without treatment

12.2 Persistence and degradability

Not established

12.3 Bioaccumulative potential

Not established

12.4 Mobility in soil

Not established

12.5 Other adverse effect

None known

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

RCRA Hazardous Waste: Not regulated as a hazardous waste

Waste Disposal Method: Dispose of in accordance with local, state and federal regulations

Waste Disposal Vessel: Plastic or metal drums

14. TRANSPORTATION INFORMATION

14.1 UN number

None - not regulated as a hazardous material

14.2 UN Proper shipping name

None

14.3 Transport Hazard class

Not applicable

14.4 Packaging group

Not applicable

14.5 Marine Pollutant

No

14.6 Transportation in Bulk

Not applicable

14.7 Special precautions

None

15. REGULATORY INFORMATION

15.1 US Federal Regulations

TSCA Status: All ingredients are commercially available and listed by the manufacturer under TSCA.

15.2 Foreign Regulations

Canadian Status: All materials contained in this product are listed on the Canadian Domestic Substance List (DSL).

15.3 State Regulations

State Regulation Information

The following chemicals are specifically listed by individual states; other product health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements, contact the appropriate agency in your state.

California Prop 65:

CAS NUMBER	CONCENTRATION	STATE CODE
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None

15.4 HMIS & NFPA Classifications

HMIS Classification:

Health 1

Flammability 1

Reactivity 0

NFPA Classification:

Health 1

Flammability 1

Reactivity 0

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