

Safety Data Sheet

For

Mascoat LizardSkin-Ceramic

Section 1-Chemical Product and Company Information

Product Name: LizardSkin Ceramic-LSCI

Product Code: 1303

Trade Name: LizardSkin Ceramic-LSCI

Manufactured by:

Mascoat

Product Use: Insulation coating for personnel protection and energy retention

Not recommended for: Unintended uses

Section 2-Composition and Information on Ingredients

This product is considered to be non-hazardous per 29 CFR 1910

GHS Ratings: There are no GHS ratings that apply to this product at this time.

GHS Hazards: None known

GHS Precautions: None known

Section 3-Hazards Identification

Chemical Name/CAS No.	Amount	Osha Exposure Limits	ACGIH Exposure Limits
Water 7732-18-5	40-50%		
Resin Polymer 00-00-00	20-30%		
Trade Secret Insulation Media	10-20%	5 mg/m ³ resp	10 mg/m ³
Carbon Black 1333-86-4	5-10%		
Extender Pigment 1317-65-3	1-5%	5 mg/m ³ resp	2 mg/m ³

The dry ingredients will be encapsulated with resin which will minimize exposure.

Section 4-First Aid Measures

INHALATION - Remove victim to fresh air. Aid in breathing if needed and seek medical attention.

EYE CONTACT - In case of eye contact, flush with clean water for 15 minutes. If contact lenses are worn, quickly remove them and flush the eyes with water. Seek medical attention.

SKIN CONTACT - Rinse thoroughly with soap and water. Do not allow coating to dry on skin as it will be hard to remove. If redness persists, seek medical attention.

INGESTION - If swallowed, dilute with clean water. Do not induce vomiting. If vomiting occurs spontaneously, keep the head below hips to prevent aspiration of liquid into the lungs. Seek medical attention.

Notes to Physician: None known.

Section 5-Fire Fighting Measures

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA: Use carbon dioxide (CO₂), "alcohol" foam, dry chemical, or water spray/water fog extinguishing systems.

UNUSUAL FIRE OR EXPLOSION HAZARDS: Liquid product will not burn but may spatter if temperature exceeds boiling point. Extreme heat may cause closed containers to burst. Dried film of product is capable of burning, giving off oxides of carbon/nitrogen.

HAZARDOUS COMBUSTION PRODUCTS: See section 10 for a list of hazardous decomposition products for this mixture.

FIRE FIGHTING: If evacuation of personnel is necessary, evacuate to an up-wind area. Use water fog/water spray to cool closed adjacent containers to prevent pressure buildup. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

FIRE FIGHTING EQUIPMENT: Fire fighters and emergency personnel should wear full protective gear including self-contained breathing apparatus (SCBA).

Section 6-Accidental Release Measures

SPILL AND LEAK PROCEDURES: Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE). Keep non-essential personnel away from the contaminated area.

SMALL SPILLS: Mix appropriate absorbent into the spilled material. Sawdust or kitty litter may be used. Collect the saturated absorbent and transfer it into a covered container.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

LARGE SPILLS: Prevent materials from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter sewers, watercourses or extensive land areas.

Mix appropriate absorbent into the spilled material. Sawdust or kitty litter may be used. Collect the saturated absorbent and transfer it into a covered container.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

Section 7-Handling and Storage

HANDLING PRECAUTIONS: Wear all appropriate Personal Protective Equipment (PPE). Ensure adequate ventilation during use and storage. Keep containers closed when not in use. Store in original containers.

STORAGE REQUIREMENTS: Protect from freezing and keep out of direct sunlight for extended periods. Climate controlled storage conditions are best.

REGULATORY REQUIREMENTS: None known.

Section 8-Exposure Controls / Personal Protection

Chemical Name/CAS No.	Amount	Osha Exposure Limits	ACGIH Exposure Limits
Water 7732-18-5	40-50%		
Resin Polymer 00-00-00	20-30%		
Trade Secret Insulation Media	10-20%	5 mg/m ³ resp	10 mg/m ³
Carbon Black 1333-86-4	5-10%	15 mg/m ³ total dust	10 mg/m ³
Extender Pigment 1317-65-3	1-5%	5 mg/m ³ resp	2 mg/m ³

ENGINEERING CONTROLS: Airless spray for application is preferred to minimize overspray. Provide ventilation sufficient to remove airborne particles. Use good painting practices.

VENTILATION: Use only with adequate ventilation. Ventilation should be sufficient to keep the area within occupational exposure limits.

ADMINISTRATIVE CONTROLS: None known

PROTECTIVE EQUIPMENT: A dust respirator is recommended even with adequate ventilation. Do not use respirators beyond their capacities. In the event that occupational exposure limits may be exceeded, use an approved air supplied respirator or positive-pressure, self-contained breathing apparatus (SCBA).

Safety glasses or other protective eye-wear are recommended.

Protective gloves should be worn to prevent skin contact.

Contaminated Equipment: Contaminated clothing should be washed before reuse or discarded. Dried paint on clothing is non-hazardous. Equipment should be thoroughly cleaned after use. Dispose of any waste in accordance with all Federal, state, regional and local regulations.

Section 9-Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstances:

Appearance:	smooth, creamy liquid	Odor:	slight ammoniacal
Vapor Pressure:	no data	Odor threshold:	no data
Vapor Density:	same as water vapor	pH:	9.2-9.6
Specific Gravity:	0.69	Melting point:	no data
Freezing Point:	32 °F	Solubility:	dilutable with water
Boiling range:	~212 °F	Flash Point:	None
Evaporation rate:	=water	Flammability:	Liquid coating will not burn
Explosive limits:	None	Partition coefficient:	No data
Auto-ignition Temp:	>600 °F	Decomposition temp:	450 °F (dry coating)
Viscosity:	20,000-50,000 cP	Lbs. VOC/Gal:	0.06

Section 10-Stability and Reactivity

Stability: Stable

This mixture is incompatible with the following products: Solvents will coagulate the liquid.

This mixture is likely to exhibit the following combustion byproducts: Carbon dioxide, carbon monoxide, oxides of nitrogen

Hazardous polymerization will not occur.

Section 11-Toxicological Information

Mixture Toxicity: None known

Component Toxicity: None known

Toxicological Information: No data found

Routes of Entry: ingestion, inhalation of overspray if proper ventilation or PPE is not used

Target Organs: None known

Effects of Overexposure: None known

Carcinogen Rating: None present in any reportable quantity

Section 12-Ecological Information

Ecological Information: No data found

Section 13-Disposal Considerations

Avoid ordering too much material. The best disposal practice is to use up left over material. Material may be solidified with cement and disposed of according to local, state, regional and Federal regulations. Dry material is non-hazardous.

Section 14-Transport Information

Not regulated by 49 CFR, IATA or IMO.

DOT Proper Shipping Name: None

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	Not regulated	N/A	N/A	N/A
IATA	Not regulated	N/A	N/A	N/A
IMDG	Not regulated	N/A	N/A	N/A

Section 15-Regulatory Information

Additional regulatory listings, where applicable

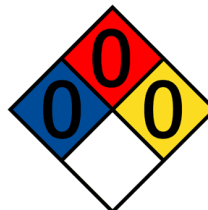
Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory.

Section 16-Other Information

This material is considered to be **Non-Hazardous** per 29 CFR 1910.

Hazardous Material Information System (HMIS)	National Fire Protection Association (NFPA)
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Health	0
Flammability	0
Physical Hazard	0
Personal Protection	B



HMIS & NFPA Hazard Rating Legend

* = Chronic Health Hazard

0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. The information in the sheet was written based on the best knowledge and experience currently available.