

Safety Data Sheet

For

Mascoat Industrial-HR

Section 1-Identification of mixture and company

1.1 Product Identification

Product Name: Industrial-HR

Product Code: 1060

Trade Name: Industrial-HR

1.2 Relevant identified uses of the mixture and uses advised against

Product Use: Insulation coating for personnel protection and energy retention

Not recommended for: Unintended uses

1.3 Details of the supplier of the safety data sheet

Manufactured by: Mascoat
4310 Campbell Road
Houston, TX 77041
USA

1.4 Emergency telephone number

Emergency Telephone: 713-465-0304

Section 2-Hazards Identification

2.1 Classification of the substance or mixture

This product non-hazardous per 29 CFR 1910

This mixture does not meet the definition of hazardous per REACH REGULATION (EC) No 1272/2008, Title 1, Article II, Annex 1 parts 2-5

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

GHS Hazards: None known

GHS Precautions: None known

2.2 Label elements

None required

2.3 Other hazards

None known

Section 3- Composition and Information on Ingredients

3.2 Mixtures

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%	15 mg/m ³ total dust	10 mg/m ³

Titanium Dioxide 13463-67-7	10-20%	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
Extender Pigment	1-5 %		

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

Section 4-First Aid Measures

4.1 Description of 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.

4.2 Most important symptoms and effects, both acute and delayed

No information available

4.3 Indication of any immediate medical attention and special treatments

None expected by exposure to this product.

Section 5-Fire Fighting Measures

5.1 EXTINGUISHING MEDIA:

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

5.2 Special hazards arising from the mixture

Unusual fire and 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.

5.3 Advice for firefighters

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).

LEL: N/A

UEL: N/A

Section 6-Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

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.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

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.

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.

6.4 Reference to other sections

Information regarding exposure controls and disposal considerations can be found in sections 8 and 13.

Section 7-Handling and Storage

7.1 Precautions for safe handling

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.

7.2 Conditions for safe storage, including any incompatibilities

Protect from freezing and keep out of direct sunlight for extended periods. Climate controlled storage conditions are best.
Regulatory requirements: None known.

7.3 Specific end uses

Insulation coating for personnel protection and energy retention

Section 8-Exposure Controls / Personal Protection

8.1 Control Parameters

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%	15 mg/m ³ total dust	10 mg/m ³
Titanium Dioxide 13463-67-7	10-20%	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
Extender Pigment	1-5 %		

8.2 Exposure controls

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

9.1 Information on basic 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

9.2 Other Information

Section 10-Stability and Reactivity

10.1 Reactivity None known. Hazardous polymerization will not occur.

10.2 Chemical Stability Stable

10.3 Possibility of hazardous reactions None known

10.4 Conditions to avoid None known although material should be kept from freezing.

10.5 Incompatible materials Solvents will coagulate the liquid

10.6 Hazardous decomposition products Carbon dioxide, carbon monoxide, oxides of nitrogen

Section 11-Toxicological Information

11.1 Information on toxicological effects

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

- 12.1 **Toxicity** No data found. Product is non-hazardous.
- 12.2 **Persistence and degradability** No data found
- 12.3 **Biocaccumulative potential** No data found but none expected
- 12.4 **Mobility in soil** No data found but none expected
- 12.5 **Results of PBT and vPvB assessment** No data found
- 12.6 **Other adverse effects** None expected

Section 13-Disposal Considerations

13.1 Waste treatment methods

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.

- 14.1 **UN number** None
- 14.2 **UN proper shipping name** None
- 14.3 **Transport hazard class** None
- 14.4 **Packing group** None
- 14.5 **Environmental hazards** None
- 14.6 **Special precautions for user** Keep containers upright to prevent spillage. Keep from freezing.
- 14.7 **Transport in bulk** Not applicable

Section 15-Regulatory Information

15.1 Safety, health, and environmental regulations/legislation specific for mixture

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies

15.2 Chemical safety assessment

This product non-hazardous per 29 CFR 1910

This mixture does not meet the definition of hazardous per REACH REGULATION (EC) No 1272/2008, Title 1, Article II, Annex 1 parts 2-5

Section 16-Other Information

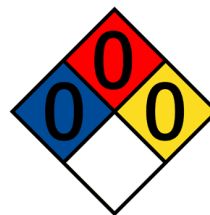
This material is **Non-Hazardous** per 29 CFR 1910.

This mixture does not meet the definition of hazardous per REACH REGULATION (EC) No 1272/2008, Title 1, Article II, Annex 1 parts 2-5

This SDS is compliant with US 29 CFR 1910 and Commission Regulation (EU) 2015/830.

Hazardous Material Information System (HMIS)	National Fire Protection Association (NFPA)
---	--

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

Date Prepared: 15 October 2020

Revision Number: 2

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.