

SAFETY DATA SHEET

SECTION 1 - Identification

1.1 Product Identifier

Product Name * 210-XXX
Synonyms * GLAZE

1.2 Recommended Use of the Chemical and Restrictions on Use

Recommended Use * Paint, Coatings
Restrictions of Use * Industrial use only

1.1 Details of the Supplier of the Safety Data Sheet

Manufacturer * Ascension Surface Technology
209 Progress Drive
Stuart, VA 24171
(704)858-1372

1.4 Emergency Telephone

* (704) 858-1372 (24-hr number)

SECTION 2 – Hazards Identification

2.1 Classification of the Substance or Mixture

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 2
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2

Flammable liquids	Category 2
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2.2 GHS Label Elements



Signal Word

DANGER

HAZARD STATEMENTS

Highly flammable liquid and vapor

Can cause skin irritation

Can cause serious eye irritation

May cause drowsiness or dizziness

PREVENTION

Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep containers tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE

Get medical advice/attention if you feel unwell.

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin

If skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Ingestion

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Fire

In case of fire: Use CO2, dry chemical, or foam for extinction.

STORAGE

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool.

DISPOSAL

Dispose of contents/containers in accordance with local regulations.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

Not applicable.

2.3 OTHER HAZARDS

Spontaneously combustible material. Risk of self-ignition of used cleaning rags, paper wipes, etc. Contaminated materials should be soaked in water and placed in a closed metal container before disposal.

UNKNOWN ACUTE TOXICITY

0% of the mixture consists of ingredient(s) of unknown toxicity.

SECTION 3 – Composition/Information on Ingredients

3.1 Substance

SECTION 4 – First Aid Measures

4.1 Description of First Aid Measures

By route of inhalation: Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

By route of dermal contact: Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

By route of eye contact: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

By route of ingestion: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

4.2 Most Important Symptoms and Effects, Acute, and Chronic

Refer to Section 11 Toxicological Information.

4.3 Indication of Immediate Medical Attention and Special Treatment If Needed

Treat symptomatically and supportively.

SECTION 5 – Firefighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media: Dry chemical, foam, carbon dioxide, water, fog, or fine spray.

Unsuitable Extinguishing Media: Do not use direct water spray. May spread fire.

5.2 Special Hazards Arising From the Substance or Mixture

Flammable liquid and vapor. Vapors can travel to a source of ignition and flash back. Flammable liquid can release vapors that form explosive mixtures at temperature at or above the flashpoint.

5.3 Special Protective Actions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. In case of fire, use water (flood with water), dry chemical, CO₂, or “alcohol” foam.

SECTION 6 – Accidental Release Measures

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures

Isolate the area. Keep unauthorized people away. Do not touch or walk through the spilled material. Spilled material may be slippery. Ensure adequate ventilation in enclosed area. Eliminate all ignition sources. Use protective equipment appropriate for the size of the spill.

6.2 Environmental Precautions

Prevent from entering into soil, ditches, sewers, waterways, and/or groundwater.

6.3 Methods and Materials for Containment and Clean Up

Methods: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Flush residual spill (area) with water. (For large spills, dike for later disposal.)
Materials: Inert absorbent (sand, earth, or similar).

6.4 Reference to Other Sections

Refer to Section 8 for exposure control and personal protective equipment information.
Refer to Section 12 for ecological information.

SECTION 7 – Handling and Storage

7.1 Precautions for Safe Handling

Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e. pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipments. All equipment used when handling the product must be grounded. Risk of self-ignition of used cleaning rags, paper wipes, etc. Contaminated materials should be soaked in water and placed in a closed metal container before disposal.

7.2 Conditions for Safe, Storage, Including any Incompatibilities

Storage: Store materials in a cool, dry place. Do not transport with oxidizers.

Incompatibilities: Bases. Strong oxidizing agents. Acids.

7.3 Special End Uses

Recommendations: For industrial use.

Specific end uses: Finishing, etc.

SECTION 8 – Exposure Controls/Personal Protection**8.1 Control Parameters**

Exposure Limits/Guidelines: None established.

CHEMICAL NAME	CAS NUMBER	WT. PERCENT IS LESS THAN	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	SKIN
PROPRIETARY RESIN	TRADE SECRET	10.0%	100 PPM	N.E.	100 PPM	N.E.	NO
MINERAL SPIRITS 66 1%	008052-41-3	60.0%	100 PPM	N.E.	100 PPM	N.E.	NO

The specific chemical identity and/or exact percentage of component(s) have been withheld as a trade secret.

N.E. – Not Established

8.2 Exposure Controls

Engineering Controls: Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable exposure limits.

Eye/Face Protection: Safety glasses with side shields. Chemical goggles if there is a significant risk of splashing.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin Protection: Wear safety glasses with side shields (or goggles), a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

Ingestion: Do not eat, drink, or smoke in work area. Wash hands before eating or smoking.
Additional Protection Measures: None

SECTION 9 – Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

BOILING RANGE:	148 – 485 F
ODOR:	MILD
APPEARANCE:	BROWN
SOLUBILITY IN H2O:	N/A
VOLATILE BY WEIGHT:	75.7%
VOCS, lbs./gal:	5.04
VAPOR DENSITY:	Is heavier than air
SPECIFIC GRAVITY:	0.85
EVAPORATION RATE:	Is faster than Butyl Acetate
VOLATILE BY VOLUME:	82.9%
VOCS, grams/ltr:	604
FLASH POINT:	82 F

(Cleveland Open Cup)	
LOWER EXPLOSIVE LIMIT:	0.6%
UPPER EXPLOSIVE LIMIT:	36.0%

9.2 Other Information

No additional information available.

SECTION 10 – Stability and Reactivity

10.1 Reactivity

Will not occur under normal conditions.

10.2 Chemical Stability

Stable under normal temperatures and pressures.

10.3 Possibility of Hazardous Reactions

None under normal processing.

10.4 Conditions to Avoid

Avoid exposure to sparks, open flame, hot surfaces, and all sources of heat and ignition.

10.5 Incompatible Materials

This product is incompatible with bases, strong oxidizing agents, acids.

10.6 Hazardous Decomposition Products

May produce hazardous fumes when heated to decomposition as in welding or flames. Fumes may contain carbon monoxide, oxides of nitrogen and carbon dioxide.

SECTION 11 – Toxicological Information

11.1 Information on Toxicological Effects

Primary Route(s) of Entry:

Eye contact

Causes serious eye irritation

Skin Contact

Causes skin irritation

Ingestion

Not applicable

Inhalation

May cause drowsiness or dizziness

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CHEMICAL NAME	CAS NUMBER	ORAL LD50	DERMAL LD50	VAPOR LD50
PROPRIETARY RESIN	TRADE SECRET	---	---	---
MINERAL SPIRITS 66 1%	008052-41-3	---	---	---

Skin corrosion/irritation:

Causes skin irritation.

Skin Sensitization:

Not applicable.

Serious eye damage/eye irritation:

Not applicable.

Respiratory Sensitization:

Not applicable.

Germ cell mutagenicity:

Not applicable.

Carcinogenicity:

Not applicable.

Reproductive Toxicity:

Not applicable.

Specific target organ toxicity (single exposure):

Not applicable.

Specific target organ toxicity (repeated exposure):

Not applicable.

Aspiration hazard:

Not applicable.

SECTION 12 – Ecological Information

12.1 Ecotoxicity

This product is not expected to cause significant effects in the aquatic environment.

12.2 Persistence and Degradability

No data available.

12.3 Bioaccumulative Potential

No data available.

12.4 Mobility in Soil

No data available.

12.5 Other Adverse Effects

No data available.

SECTION 13 – Disposal Considerations**13.1 Waste Disposal Method****Product Waste**

* Do not dump into any sewers, on the ground, or into any body of water.

* All disposal methods must be in compliance with Federal, State/Provincial, and local regulations.

Packaging Waste

* Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14 – Transport Information

	DOT	IMDG	IATA
<u>14.1 UN/ID no</u>	UN1263	UN1263	UN1263
<u>14.2 Proper shipping name</u>	Paint	Paint	Paint
<u>14.3 Hazard Class</u>	3	3	3
<u>14.4 Packing Group</u>	II	II	II
<u>14.5 Environmental Hazard</u>	Not applicable		

<u>14.6 Special Provisions</u>	149, B52, IB2, T4, TP1, TP8, TP28 Emergency Response Guide Number: 128	163 EMs-No F-E, S-E	A3, A72
<u>14.7 Transport in bulk according to Annex ii of MARPOL 73/78 and the IBC Code</u>	No information available		

SECTION 15 – Regulatory Information

International Inventories

TSCA – United States Toxic Substances Control Act Section 8 (b) Inventory

All components are listed or exempt from listing

DSL – Canadian Domestic Substances List

All components are listed or exempt from listing

US Federal Regulations:

CERCLA Hazard Category

This product has been reviewed according to the EPA “Hazard Categories” promulgated under Sections 311 and 312 of the Superfund Amendment Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

*Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SARA 311/312 Hazard Categories

Acute health hazard: Yes

Chronic Health Hazard: Yes

Fire hazard: Yes

Sudden release of pressure hazard: No

Reactive Hazard: No

US State Regulations

Rule 66 status of product

Not photochemically reactive.

U.S. EPA Label information

EPA Pesticide registration number: Not applicable

U.S. State Right-to-Know Regulations**SECTION 16 – Other Information****16.1 HMIS AND NFPA RATINGS**

HMIS Classification	NFPA Ratings
Health: 2	Health: 2
Flammability: 2	Flammability: 2
Reactivity: 0	Instability: 0
	Special: Solvent: Gloves, Goggles, Protective Clothing

16.2 EU CLP Relevant Phrase

Available on request.

16.3 Preparation By:

David Wang

Reviewed by:

David Wang

16.4 Preparation Date

September 23, 2016

16.5 Last Revision Date

September 23, 2016

16.6 Disclaimer/Statement of Liability

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