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|  | Safety Data Sheet | SDS No. -001 |
| | | Issue Date: |
| | Product Name – 25 Glass Thermatru SD WB Topcoat | Revision Date 07/08/13 |

*** Section 1 - Product and Company Identification ***

Manufacturer/Importer Information

Environmental Coatings, Inc.
6450 Hanna Lake Ave
Caledonia, Michigan 49316

Emergency Phone: (800) 424-9300
Information Phone: (616) 698-8102

Product Identifier

25 Glass Thermatru SD WB Topcoat
Product code: 25-9075

Recommended Use

N/A

Restrictions on Use

None

*** Section 2 – Hazards Identification ***

GHS Classification

Skin corrosion/irritation, 3

Serious eye damage/ eye irritation, 2B

GHS Label Elements

None

Symbol(s) None

Signal Word -

WARNING

Hazard Statements

Causes mild skin irritation.

Causes eye irritation.

Precautionary Statements

Prevention

None

Response

If skin irritation occurs, get medical advice/attention.

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.

Wash hands after handling.

Storage

None



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*** Section 3 – Composition / Information on Ingredients ***

| Chemical Name | CAS # | %Weight | Vapor Pressure(mmHg @ F) |
|-------------------------------------|--------------|---------|--------------------------|
| 1-Methyl-2-Pyrrolidone | 0000872-50-4 | 3.74 | .50 @ 77 F |
| Dipropylene Glycol Monomethyl Ether | 034590-94-8 | 2.59 | .41 @ 25 C |
| Propylene Glycol Methyl Ether | 005131-66-8 | 2.36 | .85 @ 68 F |
| Ethylene Glycol Monobutyl Ether | 000111-76-2 | .29 | .6 @ 68 F |
| N-Butyl Alcohol | 000071-36-3 | .09 | 5.5 @ 68 F |
| Diethylene Glycol Methyl | 025265-71-8 | .03 | .016 @ 77 F |
| Ammonia | 007664-41-7 | .02 | 1085 @ 100 F |

*** Section 4 – First Aid Measures ***

First Aid- General

Move to fresh air, wipe skin with dry cloth, and wash with soap and water, flush eyes with large amounts of water and see physician if needed.

*** Section 5 – Fire Fighting Measures ***

General Fire Hazards

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open fire. Closed containers may explode when exposed to extreme heat. See Section 9 for Flammability Properties.

Hazardous Combustion Products

N/A

Extinguishing Media

Use extinguishing media suitable for the material, preferably or, any extinguisher with foam, Co2, and dry chemical, and water mist.

Unsuitable Extinguishing Media

Avoid spreading burning liquid with water.

Fire Fighting Equipment/Instructions

Use self-contained breathing apparatus, use water for cooling container to prevent pressure buildup, auto-ignition or explosion.

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***** Section 6 – Accidental Release Measures *****

Recovery and Neutralization

Eliminate sources of ignition. Provide adequate ventilation. Prevent liquid from entering sewers or waterways. Absorb with inert material or pump into container.

Materials and Methods for Clean-Up

For waste disposal see section 13 of the SDS.

Emergency Measures

N/A

Personal Precautions and Protective Equipment

Do not take internally. Avoid prolonged breathing of vapors. See Section 8 of the SDS for additional personal protection advice when handling this product.

Environmental Precautions

No specific precautions

Prevention of Secondary Hazards

None

***** Section 7 – Handling and Storage *****


Handling and Storage Procedures

Protect against physical damage, keep away from open flame and extreme heat. Keep container closed.

***** Section 8 – Exposure Controls / Personal Protection *****

Component Exposure Limits

| Chemical Name/Regulation | Type | Value |
|--|------|-----------------|
| 1-Methyl-2-Pyrrolidone | | Not Established |
| Dipropylene Glycol Monomethyl Ether | | |
| OSHA PEL | TWA | 100ppm |
| | STEL | 150ppm |
| ACGIH TLV | TWA | 100ppm |
| | STEL | 150ppm |
| Propylene Glycol Methyl Ether | | Not Established |
| Ethylene Glycol Monobutyl Ether | | |
| OSHA PEL | Skin | 50ppm |
| ACGIH TLV | | 20ppm |
| N-Butyl Alcohol | | |
| | Skin | 50ppm |
| | Skin | 50ppm |
| Diethylene Glycol Methyl | | Not Established |
| Ammonia | | |
| | TWA | 50ppm |
| | | 25ppm |
| | STEL | 35ppm |

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Engineering Measures

Wear protective clothing, have adequate ventilation.

Personal Protective Equipment: Respiratory

Local exhaust ventilation is recommended.

Personal Protective Equipment: Hands

Polyvinyl acetate or butyl

Personal Protective Equipment: Eyes

Safety eye glasses with side shields.

Personal Protective Equipment: Skin and Body/Other

Eye bath and safety shower, uniforms or aprons may be worn to avoid excessive contact.

***** Section 9 – Physical & Chemical Properties *****

| | | | |
|--|--------------|--|--------------|
| Appearance: | Liquid | Odor: | Solvent |
| Physical State: | Liquid | pH: | NA |
| Vapor Pressure: | *NA | Vapor Density: | >1 |
| Boiling Point: | 244 F- 450 F | Melting Point: | NA |
| Solubility (H2O): | Complete | Specific Gravity: | 1.01 |
| Evaporation Rate: | >1 | VOC: | 2.06 lbs/gal |
| Octanol/H2O Coeff: | NA | Flash Point: | 210 F |
| Flash Point Method: | TCC | Upper Flammability Limit (UFL): | 25% |
| Lower Flammability Limit (LFL): | 1.1% | Burning Rate: | ND |
| Auto Ignition Temperature | NA | % Volatile by Volume | 72.395% |
| % Volatile by Weight | 69.615% | | |

NA –Not applicable, *Located in Composition Chart

***** Section 10 – Chemical Stability & Reactivity Information *****

Chemical Stability

Stable under normal temperature conditions

Hazardous Reaction Potential

Hazardous polymerization will not occur.

Conditions to Avoid

All equipment should be grounded and bonded to reduce static electricity hazard. Use non-sparking tools, keep away from heat, open flames, etc.

Incompatible Products

Strong oxidizing acids

Hazardous Decomposition Products

Decomposition may yield carbon dioxide and/or carbon monoxide, smoke.

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*** Section 11 – Toxicological Information ***

Acute Toxicity

A: General Product Information

Over exposure has caused red blood cell hemolysis in laboratory animals and secondary injury to kidney and liver.

B: Component Analysis - LD50/LC50

Not available

Potential Health Effects: Skin Corrosion Property

Brief contact may cause slight irritation with itching or local redness. Prolonged contact may cause more severe irritation with possible discomfort or pain.

Potential Health Effects: Eye Critical Damage

May cause moderate to severe eye irritation. Contact may cause stinging, redness, and swelling.

Potential Health Effects: Ingestion

Moderately toxic.

Potential Health Effects: Inhalation

Excessive exposure may cause irritation to eyes, nose, throat, lungs, and respiratory tract.

Respiratory Organs Sensitization/Skin Sensitization

This product is not reported to have any skin sensitization effects.

Generative Cell Mutagenicity

This product is not reported to have any mutagenic effects.

Carcinogenicity

A: General Product Information

This product is not reported to have any carcinogenic effects.

B: Component Carcinogenicity

Not applicable

Reproductive Toxicity

This product is not reported to have any reproductive toxicity effects.

Specified Target Organ General Toxicity: Single Exposure

This product is not reported to have any specific target organ effects.

Specified Target Organ General Toxicity: Repeated Exposure

This product is not reported to have any specific target organ repeat effects.

Aspiration Respiratory Organs Hazard

This product is not reported to have any aspiration hazard

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***** Section 12 – Ecological Information *****

Ecotoxicity

A: General Product Information

No information available

B: Component Analysis - Ecotoxicity – Aquatic and Terrestrial Toxicity

No information available.

Persistence/Degradability

No information available.

Bioaccumulation

No information available.

Mobility in Soil

No information available

***** Section 13 – Disposal Considerations *****

Waste Disposal Instructions

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

Disposal of Contaminated Containers or Packaging

Dispose of contents/container in accordance with local/regional/national/international regulations.

***** Section 14 – Transportation Information *****

DOT/IATA/IMDG/TDG Information:

No information available.

***** Section 15 – Regulatory Information *****

Regulatory Information

No information available.

***** Section 16 – Other Information *****

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