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MATERIAL SAFETY DATA SHEET

OSHA/ANSI 2003 Compliant

HMIS RATING: Health: 1 Flammability: 1 Reactivity: 0 Personal Protection: A

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: EnduraCoat Intego Gloss

Product Number: ECWBIG

Emergency Telephone: +1 (877) 404-1300

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Signal Word: CAUTION!
Physical Form: Milky white liquid
Color: Milky white
Odor: Slightly Ammonia
Health: Inhalation of vapor or mist can cause headache, nausea, and irritation of the nose, throat and lungs. May cause eye/skin irritation.
Physical Hazards: See Section 7 of this MSDS for handling information
Environmental: Caution – substance not yet fully tested. Releases to the environment are to be avoided.
OSHA Hazardous Substance: This material is classified as not hazardous under OSHA regulations.
Primary Route(s) of Entry: Ingestion, Skin, Inhalation and Eyes.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

NON HAZARDOUS COMPONENTS:

Components	CAS Number	Weight, %
Polymer mixture	Trade Secret blend	60 – 90%
Additive mixture	Trade Secret Blend	5 – 15%
Water		15 – 75%

4. FIRST AID MEASURES

Eyes: Rinse immediately with plenty of fresh water, with eyelids held open. Seek medical advice.

Skin: Removed contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before re-use.

Inhalation: If symptoms develop, move individual away from exposure and into fresh air; give artificial respiration if not breathing. If symptoms persist, seek medical attention. Administer oxygen if breathing is difficult. Keep person warm and quiet; seek immediate medical attention.

Ingestion: Seek medical attention immediately. DO NOT INDUCE VOMITING. If individual is drowsy or unconscious, do not give anything by mouth; place individual on left side with head down. Contact physician, medical facility or poison control center. If vomiting occurs naturally, have person lean forward to reduce the risk of aspiration. Clean mouth with water if possible. DO NOT DRINK WATER until medical attention has been obtained and such action is so advised.

5. FIRE FIGHTING MEASURES

Fire Fighting Measures: Standard procedure for Chemical Fires

Suitable Extinguishing Media: Carbon Dioxide, dry chemical, or foam. Do not use water as frothing may occur.

Fire Fighting Equipment: Wear self-contained breathing apparatus and complete protective suit.

Unusual Hazards: Fire may cause CO_x to evolve. High temperatures and fire conditions may rupture storage vessels.

Hazardous Combustion Products: Burning may produce toxic combustion products.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ensure adequate ventilation. Keep people away/upwind from any spill or leak. Wear proper personal protective clothing and equipment.

Environmental Precautions: Avoid subsoil penetration. Do not flush spill into public sewer, water systems, or surface waters. Advise water authority if spillage has entered into water course or drainage system.

Cleanup Instructions: Ventilate areas of spill and stop spill at the source, or move leaking containers to ventilated area. Cover sewer grates and dike the spill. DO NOT FLUSH TO SEWER. Absorb remainder with an inert material. Shovel and place all absorbed and spilled materials into labeled, closed container tightly; store in safe location to await disposal. Remove all ignition sources.

Evacuation Instructions: Not Applicable.

7. HANDLING AND STORAGE

Handling: As with all industrial chemicals, use good industrial practices when handling. Avoid eye, skin, and clothing contact. Do not inhale aerosol, mist, vapor, fume or spray. Do not taste or swallow. Use only with adequate ventilation. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet MUST be observed. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing and wash before re-use. Shower after work using plenty of soap and water. Keep away from sources of heat and ignition.

Storage: Keep containers tightly closed in a dry, cool, well-ventilated place. Do not store near high heat or open flames.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Guidelines:

Adequate ventilation must be provided to keep mist concentration below PEL (personal exposure limits).

Personal Protective Equipment

Eye/Face Protection: Safety glasses with side shields in compliance with OSHA regulations.

Skin Protection: Wear chemical resistant gloves (neoprene) and protective clothing. A combination barrier cream, applied before exposure and protective gloves is recommended. Do not apply cream after exposure.

Respiratory Protection: Use NIOSH approved respirator as needed to mitigate exposure. In emergency situations, or when used in a confined space, use self-contained breathing apparatus or other air-supplied full-face respirator.

Engineering Controls: Work in well ventilated area. Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the MSDS. Do not breathe vapors, fumes, mists, or spray.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Slightly Viscous Liquid
Color:	Milky White
Odor:	Slight Ammonia
Solubility in Water:	Soluble
Vapor Pressure:	Water
Vapor Density:	Water
Specific Gravity: (H ₂ O=1)	1.05 g/cm ³
pH:	7.7 +/- 0.3
VOC:	<1.0% calculated
Evaporation Rate:	Not Determined
Boiling Range:	> 212°F
Flash Point:	Not Determined

10. STABILITY AND REACTIVITY

- Stability:** Stable under recommended storage conditions.
- Incompatibility:** Avoid contact with strong oxidizing agents, radical forming initiators, strong alkalis, or reactive metals.
- Hazardous Decomposition Products:** May form: carbon dioxide and carbon monoxide, various hydrocarbons.
- Possibility of Hazardous Reactions:** None expected.

11. TOXICOLOGICAL INFORMATION

No data are available for this material. The information shown is based on profiles of compositionally similar materials.

- Acute Oral, Dermal, Inhalation Toxicity:** LD50 rat > 5,000 mg/kg
- Eye Irritation:** rabbit: No Eye irritation
- Skin Irritation:** rabbit: May cause transient irritation
- Carcinogenicity (IARC, NTP, OSHA, ACGIH):** None of the components in this product at concentrations greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

12. ECOLOGICAL INFORMATION

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| Toxicity to Fish: | Not determined |
| Toxicity to Invertebrates: | Not determined |
| Toxicity to Algae: | Not determined |
| Toxicity to Sewage Bacteria: | Not determined |
| Activated Sludge Respiration Inhibition Test: | Not determined |
| Biochemical Oxygen Demand (BOD): | Not determined |
| Chemical Oxygen Demand (COD): | Not determined |
| Total Oxygen Demand (TOD): | Not determined |
| Biodegradability: | Not determined |
| Bioaccumulation: | Not determined |
| Additional Environmental Data: | Prevent product from entering drainage systems, etc. |

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose in accordance with local, state, provincial and federal regulations. Waste materials should be dumped or buried in an approved landfill, or incinerated in a suitable combustion chamber. Disposal must comply with all Federal, State and Local regulations. Of the methods of disposal currently available, it is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: 1) Recycle or rework if at all feasible; 2) Incinerate at an authorized facility; 3) Treat at an acceptable waste treatment facility. If this product has fully cured into a solid, it can be considered to be inert and therefore can be disposed of as non-hazardous waste.

Contaminated Packaging: Empty containers should be taken for local recycling recovery or waste disposal.

Waste Management Information: If discarded in its original unused form, this product DOES NOT exhibit the characteristics of a RCRA hazardous waste as defined under 40CFR261. However, the toxicity characteristic (TC) has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP). Do not discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans, or other waters. Do not discharge effluent containing this product to sewer systems. For guidance, contact your State Water Board or Regional Office of the EPA.

14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT): Not regulated for this mode of transport

International Maritime Dangerous Goods: Not regulated for this mode of transport

International Air Transportation Authority (IATA): Not regulated for this mode of transport

15. REGULATORY INFORMATION

Federal Regulations

OSHA Hazardous Substances: This material is classified as Not Hazardous under OSHA regulations 29CFR1910.1200

Clean Air Act – Hazardous Air Pollutants (HAP): This product does not contain any Hazardous Air Pollutants (HAP) as defined by the US Clean Air Act Section 112 (40CFR 61)

Clean Air Act –Volatile Organic Compounds (VOC): This product does not contain any SOCMII Intermediate or Final volatile organic compounds (VOC), as defined by the US Clean Air Act Section 11 (40CFR 60.489).

Clean Air act – Ozone Depleting Substances (ODS): This product neither contains, nor was manufactured with, a Class 1 or Class II ozone depleting substance (ODS), as defined by the US Clean Air Act Section 602 (40CFR 82, Subpt A, App. A+B)

Clean Water Act – Priority Pollutants (PP): This product does not contain any priority pollutants listed under the US Clean Water Act Section 307 (2)(1) Priority Pollutant list (40 CFR 401.15)

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40CFR 261.21)

SARA Section 302 Extremely Hazardous Substances (EHS): This product does not contain any components regulated under Section 302 (40CFR 355) as Extremely Hazardous Substances

SARA Section 304 CERCLA Hazardous Substances: This product does not contain any components regulated under Section 304 (40CFR 302) as hazardous chemicals for emergency release notification ("CERCLA" List)

Sara Section 311/312 Hazard Categorizations (40CFR370): This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered by Title III of SARA

Sara Section 313 Toxic Chemical List (40CFR372): The following components are listed on the Section 313 Toxic Chemical List:

Contains: None at or above the minimum concentrations

TSCA Section 8(b) Inventory Status: All components comprising this product are either exempt or listed on the TSCA inventory

TSCA Section 5(e) Consent Orders: This product is not subject to a Section 5(e) Consent Order

TSCA Significant New Use Rule (SNUR): This product is not subject to a Significant New Use Rule (SNUR)

TSCA Section 5(f): This product is not subject to a Section 5(f)/6(a) rule

TSCA Section 12(b) Export Notification: This product does not contain any components that are subject to a Section 12(b) Export Notification

State Regulations

California Proposition 65: This product contains the following components currently on the California list of Known Carcinogens and Reproductive Toxins in *trace amounts*:

Components:	Dioxane	123-91-1
	Acrylonitrile	107-13-1

Pennsylvania Right-To-Know: This product does not contain any components currently on the Pennsylvania Right-To-Know list of hazardous chemicals

International Regulations

Chemical weapons Convention (CWC): This product does not contain any components listed under the Chemical Weapons Convention Schedule of Chemicals

Canadian Domestic Substance List (DSL) Status: All components are listed on the DSL

Canadian Workplace Hazardous Materials Information System (WHMIS): This product is not a 'controlled product' per WHMIS regulations

Europe EINECS: This product complies with the Chemical Substance Inventory requirements.

16. OTHER INFORMATION

Disclaimer: The information contained herein is based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to such data or information. The user is responsible for determining whether the product is suitable for its intended conditions of use. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions (in addition to those described herein) are required. Any health hazard information contained herein should be passed on to employees for their use and safety. It is the user's responsibility to comply with all Federal, State and Local laws.