

1. Identification of the product and manufacturer

Product Name: **ECORE EGRIP-Evolve**

Product Use: Flooring Adhesive

Company Details: ECORE International Inc. 715 Fountain Avenue, Lancaster, PA 17601
Phone: 1-800-322-1923

Emergency Phone: **CHEMTREC: 1-800-424-9300** **Information: 1-800-322-1923**

2. Hazard(s) identification

EMERGENCY OVERVIEW: This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication Standard) and the Canadian Workplace Hazardous Materials Information System (WHMIS). May cause slight irritation to the eyes and skin.

Hazard Statements: CAUTION! IRRITANT. May cause slight irritation to eyes. May cause slight irritation to skin. Wear suitable gloves and eye/face protection. Keep out of the reach of children.

Potential Health Effects:

Eyes This product may cause irritation to the eyes.

Potential Health Effects:

Skin This product may cause irritation to the skin.

Potential Health Effects:

Ingestion No significant adverse effects are expected upon ingestions of the product.

Potential Health Effects:

Inhalation None identified.

Medical conditions

aggravated by exposure: Hypersensitivity to product, allergies, and skin or respiratory disorders.

Potential Environmental

Effects: None identified.

HMIS Ratings: Health: 1 Fire: 0 Reactivity: 0 Special /Protective Equipment: Safety glasses, gloves

Hazard Scale: 0 = minimal; 1 = slight; 2 = moderate; 3 = serious; 4 = severe; * = chronic hazard

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| EGRIP Evolve | |
| HEALTH | 1 |
| FLAMMABILITY | 0 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | X |

3. Composition / Information on ingredients

Component Information / Information on Non-Hazardous Components

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200 (Hazard Communication) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

4. First aid measures

First Aid: Eyes Immediately flush eyes with large amounts of water for at least 15 minutes. If irritation persists, get medical attention.

First Aid: Skin Flush with large amounts of water. If irritation persists, get medical attention.

First Aid: Ingestion Flush out mouth with water. In ingestion of a large amount does occur, seek medical attention.

First Aid: Inhalation Immediately remove the affected person to fresh air.

Notes to Physician: Provide general supportive measures and treat symptomatically.

5. Fire and Explosion Hazard Data

General fire Hazards: See Section 9 for Flammability Properties.

Hazardous Combustion Products

Irritating and toxic gases may be emitted upon the product's decomposition. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Extinguishing Media: Dry chemical (preferred), foam, water.

Unsuitable Extinguishing Media: None identified.

Specific Hazards Arising From the Chemical: None identified.

Fire Fighting Equipment / Instructions: Firefighters should wear full protective gear.

NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0 = minimal; 1 = slight; 2 = moderate; 3 = serious; 4 = severe

6. Accidental release measures

Personal Precautions: Wear appropriate protective equipment and clothing during clean-up.

Containment Procedures: Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps. Scoop up used absorbent into drums or other appropriate container.

Environmental Precautions: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Clean-up Procedures: Attempt to reclaim the free product, if this is possible. Shovel the material into waste container. Thoroughly wash the area with water after a spill or leak clean-up. Wear appropriate protective equipment and clothing during clean-up.

Evacuation Procedures: None identified.

Special Procedures: Regulations vary. Consult local authorities before disposal.

7. Handling and storage

Handling Procedures: Do not get this material in contact with skin or eyes. Wash hands after handling and before eating. Keep out of the reach of children.

Storage Procedures: Store in a cool, dry, well-ventilated area. Store at ambient temperature and atmospheric pressure. Keep out of sun.

8. Exposure controls / P.P.E.

A: Component Exposure Limits: ACGIH, OSHA, NIOSH or the provinces of Canada have not developed exposure for any of this product's components.

Engineering Controls: Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

Protective Equipment:



P.P.E.: Eyes / Face Wear safety glasses with side shields

P.P.E.: Skin The use of nitrile-latex gloves is recommended.

P.P.E.: Respiratory Not normally needed.

P.P.E.: General Launder contaminated clothing before reuse. Use good industrial hygiene practices in handling this material.

9. Physical & chemical properties

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| Appearance: | White paste. | Odor: | Slight acrylic odor. |
| pH: | 8.0 - 10.0 | Physical State: | Paste |
| Solubility in Water: | Dispersible | Specific Gravity: | 0.99 - 1.1 |
| Vapor Pressure: | 1.0 | Vapor Density: | 1.1 - 1.2 |
| Boiling Point: | > 212° F (> 100° C) | Melting Point: | N/A |
| Evaporation Rate: | Similar to water | VOC: | 28 g/L |
| Octanol / H2O Coeff.: | N/A | | |
| Flash Point & Method: | N/A | | |
| Upper/Lower Flammability Limit: | N/A | | |
| Burning Rate & Auto Ignition: | N/A | | |

Physical Properties: Additional Information

The data provided in this section is to be used for product safety handling purposes. Please refer to Product Data Sheets, Certificates of Conformity or Certificates of Analysis for chemical and physical data for determinations of quality and for formulation purposes.

10. Stability and reactivity

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| Chemical Stability: | Stable under normal conditions. |
| Conditions to Avoid: | None identified. |
| Incompatibility: | This product may react with strong acids, bases and oxidizing agents. Irritating and/or toxic fumes and gases may be emitted upon the product's |
| Hazardous Decomposition: | decomposition. Upon decomposition, this product may emit fumes of carbon monoxide, carbon dioxide, oxides of nitrogen, and other organic compounds. |
| Possibility of Hazardous Reactions: | Will not occur. |

11. Toxicological information

Acute Dose Effects:

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| A. General Product Info.: | No information available for the product. |
| B. Component Analysis: | No LD50/LC50's are available for this product's components. |

Carcinogenicity:

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| A. General Product Info.: | No information available for the product. |
| B. Component Carcinogenicity: | None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP |

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| Sensitization: | No information available for the product. |
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12. Ecological information

Ecotoxicity:

- A: General Product Info.:** No information available for the product.
- B. Component Analysis:** Ecotoxicity - Aquatic Toxicity
 No ecotoxicity data are available for this product's components.

13. Disposal considerations

US EPA Waste Number & Descriptions

- A: General Product Info.:** No additional information available.
- B: Component Waste Numbers:** No EPA Waste Numbers are applicable for this product's components.
- Disposal Instructions:** Waste must be handled in accordance with all federal, state, provincial, and local regulations. Consult authorities before disposal.

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

14. Transport information

International Transportation Regulations: Not regulated as dangerous goods.

15. Regulatory information

U.S. Federal Regulations

- A. General Product Info.** All of the components of this product are listed on, or are exempted from listing on the U.S. EPA TSCA Inventory of Chemical Substances. All components of this product are included, or are exempt from inclusion, in the Canadian Domestic substance List unless otherwise noted.
- B. Component Analysis** None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

- A. General Product Info.** Other state regulations may apply. Check individual state requirements.
- B. Component Analysis-
 State** None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

Canadian WHMIS Info.

- A. General Product Info.** Not regulated under WHMIS.
- B. Component Analysis-WHMIS IDL** No components are listed in the WHMIS IDL.

WHMIS Classification: Not Regulated .

Additional Regulatory Info.

- A. General Product Info.** Supplier(s) of proprietary component(s) state that these components are contained on the TSCA inventory.

16. Other information

Reasonable care has been taken in the preparation of this information, but the manufacturer/supplier makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer/supplier makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State, or provincial, and local laws.

Key / Legend

- ACGIH = American Conference of Governmental Industrial Hygienists
- ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail
- ADR/RID = European Agreement of Dangerous Goods by Road/Rail
- AS = Standards Australia
- BLV = Biological Limit Values
- CAN = Canadian DSL and NDSL Inventories status
- CAS = Chemical Abstracts Service
- CC = Closed Cup
- CFR = Code of Federal Regulations
- DFG = Deutsche Forschungsgemeinschaft
- DOT = Department of Transportation
- DSL = Domestic Substances List
- EEC = European Economic Community
- EINECS = European Inventory of Existing Commercial Chemical Substances
- ELINCS = European List of Notified Chemical Substances
- EPA = Environmental Protection Agency
- EU = European Union
- g/L = grams per Liter
- HMIS = Hazardous Materials Identification System
- IARC = International Agency for Research on Cancer
- IMO = International Maritime Organization
- IATA = International Air Transport Association
- MAK = Maximum Concentration Value in the Workplace
- mg/kg = milligrams per kilogram
- mg/L = milligrams per Liter
- mg/m³ = milligrams per cubic Meter
- NA, N/A, S.O. = Not available or Not Applicable
- NDSL = Non-Domestic Substances List
- NFPA = National Fire Protection Association
- NIOSH = National Institute for Occupational Safety and Health
- NJTSR = New Jersey Trade Secret Registry
- NOHSC = National Occupational Health & Safety Commission
- NTP = National Toxicology Program
- OC = Open Cup
- OSHA = Occupational Safety and Health Administration
- STEL = Short-term Exposure Limit
- TDG = Transportation of Dangerous goods
- TLV = Threshold Limit Value
- TSCA = Toxic substances Control Act
- TWA = Time Weighted Average
- TWAEV = Time Weighted Average Exposure Value
- WHMIS = Workplace Hazardous Materials Information System

***** END of MSDS *****