

1. Identification of the product and manufacturer

Product Name: **ECORE E-Releasable Adhesive**
Product Use: 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

Classification of the chemical

Skin Irritant 2 Causes skin irritation.
Eye Irritant 2B Causes eye irritation.



Warning.....

Label elements:

Code

H315 Causes skin irritation.
H320 Causes eye irritation.
P264.2 Wash skin thoroughly after handling.
P280.1 Wear protective gloves and eye protection.
P302+P352.A IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321.A Specific treatment (see supplementary instruction on this label)
P332+P313 If skin irritation occurs: Get medical advice / attention.
P337+P313 If eye irritation persists: Get medical advice / attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

Ingredient(s) with unknown acute toxicity: None

Hazards not otherwise classified identified during the classification process: None

3. Composition / Information on ingredients

Substances	N.A.	
Mixtures	Hazardous component within the meaning of 29 CFR 1910.1200 and related	
List of components	<u>Name</u>	<u>%</u>
CAS #: 64741-96-4	Petroleum distillates, solvent-refined heavy naphthenic	10 - 20%
	Classification: Skin Irritant 2, H315, Eye Irritant 2B, H320	

4. First aid measures

Description of first aid measures

In case of skin contact: Immediately take off all contaminated clothing.
 Remove contamination clothing immediately and dispose of safely.
 After contact with skin, wash immediately with soap and plenty of water

In case of eye contact: After contact with the eyes, rinse with water with the eyelids open for a sufficient
 Protect uninjured eye.

In case of Ingestion: Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation: Remove casualty to fresh air and keep warm and at rest.

Most important symptoms / effects, acute and delayed

- Eye irritation
- Eye damages
- Skin irritation
- Erythema

Indication of any immediate medical attention and special treatment needed

In case of accident of unwellness, seek medical advice immediately (show directions for use or safety data sheet)

5. Fire and Explosion Hazard Data

Suitable extinguishing media: Water
 Carbon dioxide (CO₂)

Unsuitable extinguishing media: None in particular.

Specific hazards arising from the chemical

- Do not inhale explosion and combustion gases.
- Burning produces heavy smoke.
- Hazardous combustion products: N.A.
- Explosive properties: N.A.
- Oxidizing properties: N.A.

Special protective equipment and precautions for fire-fighters

- Use suitable breathing apparatus.
- Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
- Move undamaged containers form immediate hazard area if it can be done safely.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- Wear personal protection equipment.
- Remove persons to safety.
- See protective measures under point 7 and 8.

Methods and material for containment and cleaning up.

- Suitable material for taking up: absorbing material, organic, sand
- Wash with plenty of water.

7. Handling and storage

Precautions for safe Avoid contact with skin and eyes, inhalation of vapors and mists.
 Don't use empty container before they have been cleaned.
 Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
 Contaminated clothing should be changed before entering eating areas.
 Do not eat or drink while working.
 See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Storage temperature: N.A.
 Incompatible materials: None in particular.
 Instructions as regards storage premises: Adequately ventilated premises.

8. Exposure controls / P.P.E.

Control parameters No Data Available

Appropriate engineering controls: N.A.

Individual protection measures

- Eye protection:** Use close fitting safety goggles, don't use eye lens.
- Protection for skin:** Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC, or viton
- Protection for hands:** Use protective gloves that provides comprehensive protection, e.g. PVC, neoprene or rubber.
- Respiratory protection:** N.A.

9. Physical & chemical properties

Appearance & color:	Beige paste.	Odor: like: Acrylate
Physical State:	Liquid	Odor threshold: N.A.
pH:	8.50	Viscosity: N.A.
Melting point/freezing	.A.	Initial boiling point & boiling range:
Flash point:	> 100°C (212°F)	Evaporation rate: N.A.
Upper/lower flammability :	N.A.	Explosive limits: N.A.
Vapor density:	N.A.	Vapor pressure: N.A.
Solubility in water:	Insoluble	Relative density: N.A.
Solubility in oil:	N.A.	Partition coefficient (n-octanol/water):
Auto-ignition temperature:	N.A.	Decomposition temperature: N.A.
Explosive properties:	N.A.	Oxidizing properties: N.A.
Solid / gas flammability:	N.A.	
Other Information:	Substance Groups relevant properties: N.A.	
	Miscibility: N.A.	
	Fat Solubility: N.A.	
	Conductivity: N.A.	

10. Stability and reactivity

Reactivity: Stable under normal conditions.
Chemical Stability: Data not Available.
Possibility of Hazardous Reactions: None.
Conditions to avoid: Stable under normal conditions.
Incompatible materials: None in particular.
Hazardous decomposition products: None.

11. Toxicological information

Toxicological information of the product: No Data Available
Substance(s) listed on the IARC Monographs: None
Substance(s) listed as OSHA carcinogens: None
Substance(s) listed as NIOSH carcinogens: None
Substance(s) listed on the NTP report on Carcinogens: None

12. Ecological information

Toxicity Adopt good working practices, so that the product is not released into the

Eco-Toxicological

List of components with eco-toxicological properties:

CAS #: 64741-96-4	Petroleum distillates, solvent-refined heavy naphthenic	10 - 20%
LC50	a) Aquatic acute toxicity Fish Oncorhynchus mykiss > 5000 mg/L 96 h IUCLID	
EC50	a) Aquatic acute toxicity Daphnia Daphnia magna > 1000 mg/L 48 h IUCLID	
Persistence &	N.A.	
Bioaccumulative potential:	N.A.	
Mobility in soil:	N.A.	
Other adverse effects:	N.A.	

13. Disposal considerations

Waste treatment methods

Waste must be handled in accordance with all federal, state, provincial, and local regulations. Consult authorities before disposal.

14. Transport information

UN number ADR-UN number: N/A
 DOT-UN number: N/A
 IATA-UN number: N/A
 IMDG-UN number: N/A

UN proper shipping name	ADR-Shipping Name: N/A DOT-Proper Shipping Name: N/A IATA-Technical Name: N/A IMDG-Technical Name: N/A
Transport hazard class(es)	ADR-Class: N/A DOT-Hazard Class: N/A IATA-Class: N/A IMDG-Class: N/A
Packing group	ADR-Packing Group: N/A DOT-Packing Group: N/A IATA-Packing Group: N/A IMDG-Packing Group: N/A
Environmental Hazards	Marine pollutant: No Environmental Pollutant: N/A
Transport in bulk according to Annex II or MARPOL73/78 and the IBC Code: N/A	
Special Precautions	
Department of Transportation (DOT):	
	DOT-Special Provision(s): N/A DOT-Label(s): N/A DOT-Symbol: N/A DOT-Cargo Aircraft: N/A DOT-Passenger Aircraft: N/A DOT-Bulk: N/A DOT-Non-Bulk: N/A
Road and Rail (ADR-RID):	
	ADR-Label: N/A ADR-Hazard Identification number: N/A ADR Tunnel Restriction Code: N/A
Air (IATA):	
	IATA-Passenger Aircraft: N/A IATA-Cargo Aircraft: N/A IATA-Label: N/A IATA-Subrisk: N/A IATA Erg: N/A IATA-Special Provisions: N/A
Sea (IMDG):	
	IMDG-Stowage Code: N/A IMDG-Stowage Note: N/A IMDG-Subrisk: N/A IMDG-Special Provisions: N/A IMDG-Page: N/A IMDG-Label: N/A IMDG-EMS: N/A IMDG-MFAG: N/A

15. Regulatory information

U.S. Federal Regulations

TSCA - Toxic Substance Control Act

- TSCA inventory:** All the components are listed on the TSCA Inventory
- TSCA listed substances:** Petroleum distillates, solvent-refined heavy naphthenic is listed in TSCA Section 8b

SARA - Superfund Amendments and Reauthorizations Act

- Section 302 - Extremely Hazardous Substances:** no substances listed
- Section 304 - Hazardous Substances:** no substances listed
- Section 313 - Toxic chemical list:** no substances listed

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

- Substances listed under CERCLA:** no substances listed

CAA - Clean Air Act **CAA listed substances:** no substances listed

CWA - Clean Water Act **CWA listed substances:** no substances listed

USA - State specific

- California Proposition 65** no substances listed
- Massachusetts Right to Know** no substances listed
- Pennsylvania Right to Know** no substances listed
- New Jersey Right to Know** no substances listed

16. Other information

Code	Description
H315	Causes skin irritation.
H320	Causes eye irritation.

Additional classification information

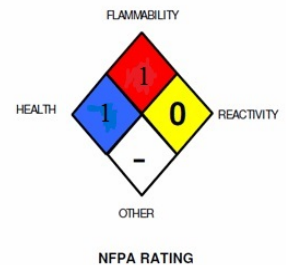
- HMIS** Health: 1 = Slight
- HMIS** Health - Is health hazard chronic?: No
- HMIS** Flammability: 1 = Combustible if heated
- HMIS** Reactivity: 0 = Minimal
- HMIS** P.P.E.: Safety glasses, gloves
- NFPA** Health: 1 = Slight
- NFPA** Flammability: 1 = Combustible if heated
- NFPA** Reactivity: 0 = Minimal
- NFPA** Special Risk: N.A.

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

HEALTH HAZARD (BLUE)	1
FLAMMABILITY HAZARD (RED)	1
PHYSICAL HAZARD (YELLOW)	0
PROTECTIVE EQUIPMENT	
EYES	RESPIRATORY
HANDS	BODY
SEE SECTION 8	SEE SECTION 8

For Routine Industrial Use and Handling Applications

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate
3 = Serious 4 = Severe * = Chronic hazard



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This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet

- ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road.
- CAS = Chemical Abstracts Service (division of the American Chemical Society).
- CLP = Classification, Labeling, Packaging.
- DNEL = Derived No Effect Level.
- EINECS = European Inventory of Existing Commercial Chemical Substances.
- GetStoffVO = Ordinance on Hazardous Substances, Germany.
- GHS = Globally harmonized System of Classification and Labeling of Chemicals.
- IATA = International Air Transport Association.
- IATA-DGR = Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
- ICAO = International Civil Aviation Organization.
- ICAO-TI = Technical Instructions by the "International Civil aviation Organization" (ICAO).
- IMDG = International Maritime Code for Dangerous Goods.
- INCI = International Nomenclature of Cosmetic Ingredients.
- KSt = Explosion coefficient.
- LC50 = Lethal concentration, for 50 percent of test population.
- LD50 = Lethal dose, for 50 percent of the test population.
- PNEC = Predicted No Effect Concentration.
- RID = Regulation Concerning the International Transport of Dangerous Good by Rail.
- STEL = Short-term Exposure Limit.
- STOT = Specific Target Organ Toxicity.
- TLV = Threshold Limit Value
- TWATLV = Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard)
- WGK = German Water Hazard Class.

Safety Data Sheet dated: 7-May-2015

***** END of SDS *****