

# SAFETY DATA SHEET

AUGUST 2023



Document reference no: MSDSE170

## 1. Identification of the substance/preparation and of the company undertaking

Product: Enviropeel E170

REACH registration: All components of the blend are registered

Application of the preparation: Anti-corrosion / Anti-ingress coating applied by spray

Supplier: ENVIROPEEL USA, 1128 S. WEST STREET, INDIANAPOLIS, INDIANA 46225  
Phone: 317-631-9111 Fax: 317-631-9101

24 HR EMERGENCY TELEPHONE NUMBER - US: 1 800 535 5053

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

Classification EC 1272/2008:

|                           |               |
|---------------------------|---------------|
| Hazard statements:        | None required |
| Precautionary statements: | None required |
| Signal Word:              | None required |
| Hazard symbol:            | None required |

### 2.2 Label elements

Label in accordance with EC 1278/2008:

|                   |               |
|-------------------|---------------|
| Hazard pictogram: | None required |
| Signal Word:      | None required |
| Hazard symbol:    | None required |
| Risk phrase:      | None required |
| Safety phrase:    | None required |

### 2.3 Other hazards

When using material in the molten state ensure adequate ventilation and take precautions to prevent burns.

## 3. Composition/information on ingredients

Enviropeel E170 is manufactured from a proprietary blend of materials all at non-hazardous levels but for which the formulation is a trade secret. This blend together with the base oil listed below makes up 100% of the total ingredients.

| Name                                 | EC No.    | CAS-No.    | Content   | Classification |
|--------------------------------------|-----------|------------|-----------|----------------|
| Base Oil (<3% DMSO extract by IP346) | 265-155-0 | 64742-52-5 | 5.0-10.0% | Not classified |

## 4. First-aid measures

### General information

|               |  |
|---------------|--|
| Burns:        | Must be treated by a physician.  |
| Inhalation:   | Provide rest, warmth and fresh air.<br>Get medical attention if any discomfort continues.  |
| Ingestion:    | DO NOT INDUCE VOMITING!<br>Drink plenty of water. Get medical attention.   |
| Skin contact: | Wash the skin immediately with soap and water.<br>Get medical attention if any discomfort continues.                                   |
| Eye contact:  | Rinse the eye with water immediately. Continue to rinse for at least 15 minutes.<br>Get medical attention if any discomfort continues. |

## 5. Fire-fighting measures

- 5.1 Extinguishing media: Use dry powder, foam, carbon dioxide (CO<sub>2</sub>), water spray to cool surfaces exposed to fire and protect personnel.  
Unsuitable extinguishing media: Do not use water jets as these may spread the fire.
- 5.2 Special hazards arising from the substance or mixture:  
Dangerous combustion products include smoke and oxides of carbon.  
Fire creates toxic gases/vapors/fumes of carbon monoxide and carbon dioxide.
- 5.3 Precautions for fire-fighters:  
Standard - wear self contained breathing apparatus in confined spaces.

## 6. Accidental release measures

- Environmental precautions: Do not allow to enter public sewers and watercourses.  
If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities.
- Spill clean up methods: Collect and reclaim or dispose in sealed containers in licensed waste.

## 7. Handling and storage

- Usage precautions: Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level.
- Storage precautions: Store at moderate temperatures in dry, well ventilated area.

## 8. Exposure control and personal protection

| Name                                    | Std | L T - ppm | L T - mg/m <sup>3</sup> | ST - ppm | ST - mg/m <sup>3</sup> |
|---|-----|-----------|-------------------------|----------|------------------------|
| Base Oil<br>(<3% DMSO extract by IP346) | OES |           | 5.0 (oil mist)          |          | 10.0 (oil mist)        |

INGREDIENT COMMENTS: OES = Occupational Exposure Standard.  
Important: Exposure risk from oil mist not present when incorporated into E170 base polymer as ingredient

- Protective equipment: Gloves / Coveralls / Goggles - see comments below.
- Process conditions: Use engineering controls to reduce air contamination to permissible exposure level.

|                        |  |
|------------------------|--|
| Engineering measures:  | Provide sufficient ventilation during operations which cause vapor formation.  |
| Respiratory equipment: | Respiratory protection must be used if air contamination exceeds acceptable level.   |
| Hand protection:       | Chemical resistant gloves required for prolonged or repeated contact. Use gauntlet-style protective gloves made of Nitrile / Butyl rubber. |
| Eye protection:        | Wear splash-proof eye goggles to prevent any possibility of eye contact.   |
| Body protection:       | Wear long sleeves and cover legs to prevent accidental contact with hot splashes.  |
| Hygiene measures:      | Wash at the end of each work shift and before eating, smoking and using the toilet.  |

## 9. Physical and chemical properties

### 9.1 Information on physical and chemical properties

|                   |                                     |
|-------------------|-------------------------------------|
| Appearance:       | Oily Solid                          |
| Color:            | Color as per color variant on label |
| Odor:             | Characteristic                      |
| Solubility:       | Insoluble in water                  |
| Flash point (°C): | 190 Sh CC (Setaflash closed cup).   |

## 10. Stability and reactivity

|                                   |  |
|-----------------------------------|--|
| Stability:                        | Stable under normal temperature conditions.              |
| Conditions to avoid:              | Avoid contact with strong alkalis / oxidizing materials. |
| Hazardous decomposition products: | Fire creates oxides of carbon.                           |

## 11. Toxicological information

|               |  |
|---------------|--|
| Inhalation:   | Gas or vapor from the molten product is harmful on prolonged exposure or in high concentrations. May cause irritation to nose, throat and upper respiratory tract. |
| Ingestion:    | May cause discomfort if swallowed.   |
| Skin contact: | Prolonged or repeated exposure may cause severe irritation.  |
| Eye contact:  | Particles in the eyes may cause irritation and smarting.   |

## 12. Ecological information

|                             |                                    |
|-----------------------------|------------------------------------|
| Mobility:                   | Absorbs to soil and is not mobile  |
| Bioaccumulation:            | Low potential for bioaccumulation. |
| Degradability:              | Not readily biodegradable          |
| Water hazard classification | WGK 2 (company)                    |

## 13. Disposal conditions

Disposal should be in accordance with local, state or national legislation. Incinerate in suitable combustion chamber.

## 14. Transport information

|          |  |
|----------|--|
| General: | Not classified as hazardous for transport. |
|----------|--|

## 15. Regulatory information

|                            |  |
|----------------------------|--|
| Risk phrases:              | None   |
| Safety phrases:            | None   |
| Hazard statements:         | None required  |
| Precautionary statements:  | None required  |
| UK regulatory references:  | The Control of Substances Hazardous to Health Regulations.<br>Chemicals (Hazard Information & Packaging) Regulations.  |
| EU directives:             | Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures |
| Statutory instruments:     | Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. No. 716 of 2009)  |
| Approved code of practice: | Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.                                |
| Guidance notes:            | EH40/2005 Workplace exposure limits. Carcinogenicity of mineral oils EH58. CHIP for everyone HSG(108).   |

## 16. Other information

|                           |  |
|---------------------------|--|
| General information:      | Sections revised - 2, 15   |
| Information sources:      | Croner's: Dangerous Substances.<br>Croner's: Substances Hazardous to Health. |
| Revision date:            | 01-09-2023   |
| Revision comments:        | Changes update Directives & Guidance   |
| Replaces:                 | MSDS E170 R#4 07/2020  |
| Safety data sheet status: | Approved.  |

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