

SAFETY DATA SHEET

AUGUST 2024



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, 3619 S. ARLINGTON AVE, INDIANAPOLIS, INDIANA 46203
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

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

5. Fire-fighting measures

- 5.1 Extinguishing media: Use dry powder, foam, carbon dioxide (CO₂), 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 | LT - ppm | LT - mg/m ³ | ST - ppm | ST - mg/m ³ |
|---|-----|----------|------------------------|----------|------------------------|
| Base Oil (<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.

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| 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

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|-----------------------------------|--|
| 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

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|---------------|--|
| 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

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

15. Regulatory information

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|----------------------------|--|
| 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. 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

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|---------------------------|--|
| General information: | Sections revised - 2, 15 |
| Information sources: | Croner's: Dangerous Substances. Croner's: Substances Hazardous to Health. |
| Revision date: | 08-08-2024 |
| Revision comments: | Changes update contact details |
| Replaces: | MSDS E170 R#5 2023 |
| Safety data sheet status: | Approved. |

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