

SAFETY DATA SHEET

December 2017



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 coating applied by spray

Supplier: ENVIROPEEL HOLDINGS, 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 (EC1272/2008): Hazard statements: None required
Precautionary statements: None required

Classification (67/548/EEC): Signal Word: None required
Hazard symbol: None required

2.2 Label elements

Label in accordance with (EC) No. 1278/2008: Hazard pictogram: None required
Signal Word: None required

Label in accordance with Directive 67/548/EEC: 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. 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/vapours/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 vapours. 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 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.
Exposure risk from oil mist not present when incorporated into E170 base polymer as ingredient

Protective equipment:	Gloves - see comments on hand protection
Process conditions:	Use engineering controls to reduce air contamination to permissible exposure level.
Engineering measures:	Provide sufficient ventilation during operations which cause vapour 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 protective gloves made of Nitrile / Butyl rubber.
Eye protection:	Wear splash-proof eye goggles to prevent any possibility of eye contact.
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
Colour:	Colour as per colour variant on label
Odour:	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 / oxidising materials.
Hazardous decomposition products:	Fire creates oxides of carbon.

11. Toxicological information

Inhalation:	Gas or vapour 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 1988. Chemicals (Hazard Information & Packaging) Regulations.
EU directives:	Dangerous Preparations Directive 1999/45/EEC. System of specific information relating to Dangerous Preparations. 2001/58/EEC.
Statutory instruments:	Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.
Approved code of practice:	Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance notes:	Occupational Exposure Limits EH40. Carcinogenicity of mineral oils EH58. CHIP for everyone HSG(108).

16. Other information

General information:	Sections revised - 3
Information sources:	Croner's: Dangerous Substances. Croner's: Substances Hazardous to Health.
Revision date:	25-01-2017
Revision comments:	Changes made with reference to classification EC1272/2008
Replaces:	MSDS E170 R#2 01/2016
Safety data sheet status:	Approved.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. All information is based on results gained from experience and tests and is believed to be accurate but is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control. Users should always carry out sufficient tests to establish the suitability of any products for their intended applications. No statements shall be incorporated in any contract unless expressly agreed in writing nor construed as recommending the use of any product in conflict of any patent. All goods are supplied subject to Enviropeel Holdings General Conditions of sale.

ALL INFORMATION IS GIVEN IN GOOD FAITH BUT WITHOUT WARRANTY



INDIANAPOLIS USA

Regional Distributors:

USA, CANADA, CENTRAL & SOUTH AMERICA

Enviropeel USA, 1128 South West Street, Indianapolis, Indiana 46225 USA

Tel: +1 317 631-9100 Email: info@enviropeelusa.com

ASIA: A&E Systems Sdn Bhd, No 32 Jalan Serendah 26/39, iParc 2, Seksyen 26,

Kawasan Perindustrian HICOM, 40400 Selangor, MALAYSIA

Tel: +60 (0)3 5103 3887 Fax: +60 (0)3 5103 3118 Email: mal@ae-sys.com

AUSTRALIA: A&E Systems PTY Limited, 5/28 Clark Court, Bibra Lake, Perth WA 6163, Australia

Tel: 61 (0)8 94183688 Fax: +61 (0)8 94183588 Email: aus@ae-sys.com

EUROPE: Alocit & Enviropeel Services Limited, 3 Charles Wood Road, Dereham, NR19 1SX, UK

Tel: +44 (0)1362 694915 Fax: +44 (0)1362 695350 Email: uk@ae-sys.com