

SAFETY DATA SHEET

September 2013
Version No S3/E92013



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 address: A&E Systems, 3 Charles Wood Road, Dereham, NR191SX, UK
Tel: + 44 (0)1362 694915 Fax: +44 (0) 1362 695350
Email: enviropeel@ae-sys.com
24 hr emergency contact: +44 (0) 7825 987326

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

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 - 1,2,5,9,15,16
Information sources:	Croner's: Dangerous Substances. Croner's: Substances Hazardous to Health.
Revision date:	13-9-13
Revision comments:	Changes made with reference to classification EC1272/2008
Replaces:	MSDS E170 10-2010
Safety data sheet status:	Approved.

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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

A&E Systems Ltd, 3 Charles Wood Road, Dereham, NR19 1SX, UK
Tel: +44 (0)1362 694915 Fax: +44 (0)1362 695350 Email: uk@ae-sys.com

MALAYSIA

A&E Systems Sdn Bhd, 26 Jalan Pendaftar U1/54, Sekysen U1, 40150 Shah Alam, Selangor Darul Ehsan, Malaysia
Tel : +60 (0)3-5569 4277 Fax : +60 (0)3-5569 4377 Email: mal@ae-sys.com

USA

Alocit & Enviropeel USA, 1128 South West Street, Indianapolis, Indiana 46225 USA
Tel: +1 317 631-9100 Email: ivan@enviropeelusa.com

www.ae-sys.com