

# 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 (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/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 <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
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](mailto: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](mailto:uk@ae-sys.com)

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

USA: Alocit & Enviropeel USA, 1128 South West Street, Indianapolis, Indiana 46225 USA  
Tel: +1 317 631-9100 Email: [info@enviropeelusa.com](mailto:info@enviropeelusa.com)