

SAFETY DATA SHEET (EC 1907/2006)



Microcoat

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name	Microcoat D, D/10, H6, H6/10
Colour References	All colours
Company	Micropol, a division of Stamford Products Limited Bayley Street Stalybridge Cheshire SK15 1QQ
Telephone	+44 (0)161 330 5570
Fax	+44 (0)161 330 5576
Emergency telephone	+44 (0)161 331 3169 (24 hours)
Email	enquiry@micropol.co.uk
Application	Polymer powder for dipcoating

2. HAZARDS IDENTIFICATION

Not classified as hazardous.

Fumes from the heated material may be irritating to the eyes and skin, and if inhaled may cause irritation to the respiratory tract.

Fine dust may cause eye irritation.

Risk of skin burns caused by hot melt.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Polyethylene plus pigments and/or stabilisers.

4. FIRST AID MEASURES

Inhalation

In case of irritation caused by vapours during thermal processing: provide fresh air, seek medical advice if necessary.

Eye contact

Flush the eye immediately with large amounts of water until irritation subsides. Seek medical advice if irritation persists.

Skin contact

Cool molten product on skin with plenty of water. Do not attempt to remove material adhering to skin. In case of burns by molten product, seek medical advice immediately.

Ingestion

Seek medical advice in the event of ingestion of large quantities.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water spray, foam, carbon dioxide.

Specific hazards during fire fighting

Hazardous combustion products may include: carbon monoxide, carbon dioxide.

SAFETY DATA SHEET (EC 1907/2006)



Microcoat

Suitable protective equipment for fire fighters

Wear positive pressure self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Vacuum or sweep up spillage to prevent slipping hazard.

7. HANDLING AND STORAGE

Safe handling advice

Avoid breathing vapour from the molten product. Use local exhaust ventilation over processing area. Avoid generation or accumulation of dust. Risk of accumulation of static electrical charges; earth all equipment.

Storage precautions

Store at ambient temperature in a dry, well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Total inhalable dust, Long-term exposure limit (TWA – 8 hour): 10 mg/m³

Engineering measures

In case of thermal processing, provide for adequate ventilation, and extraction of dust or vapours.

Respiratory Protection

Ensure local exhaust ventilation is used over the processing area.

Hand Protection

At room temperature, wear suitable protective gloves. Wear heat-insulating gloves during thermal processing.

Eye protection

Wear safety glasses.

Skin protection

Wear protective clothing in case of contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Coloured powder
Odour	Nearly odourless
Melting point/range	100 – 140 °C
Boiling point/range	not applicable
Flash point	not applicable
Ignition temperature	>300 °C
Vapour pressure	not applicable
Density	0.910 – 0.960 g/cm ³
Solubility	Insoluble in water

10. STABILITY AND REACTIVITY

Stable under normal temperature conditions and recommended use. Avoid temperatures above 300°C

11. TOXICOLOGICAL INFORMATION

SAFETY DATA SHEET (EC 1907/2006)



Microcoat

Inhalation

Vapours or fumes which may be produced, especially at elevated temperatures, may be irritating to the respiratory tract.

Eye contact

Particulates may scratch eye surface or cause mechanical irritation.

12. ECOLOGICAL INFORMATION

If released to water, product will float.

The material is not biodegradable, and is not expected to bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Dispose of waste and residues in accordance with local authority requirements. Dispose of on site landfill areas.

Recover empty packaging for reuse / recycling or dispose of at approved landfill site in accordance with local regulations.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Guidance Notes

Workplace Exposure Limits HSE EH40/2005.

16. OTHER INFORMATION

Issued by Technical Department

Version 1.1

Revision Date 9th December 2010

Supersedes -

The above information is provided for the general guidance of customers and in compliance with the terms of current health and safety legislation. Nothing contained herein shall constitute any warranty, guarantee or representation as to the quality, fitness or properties of the product.