

• MATERIAL SAFETY DATA SHEET •

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1.0 IDENTIFICATION OF SUBSTANCE

Product Description : Crystalina 300 Series (Meadowbrook 8000 Series  
Iridescent Films.

2.0 COMPOSITION

CHEMICAL	%	Classification	Risk Phrases	CAS Number	ECC Number
Polyethylene Terephthalate	approx 70			25038-91-9 or 25640-14-6	
Acrylates Co-polymer	approx 30			Proprietary	
Others	<0.20			Various	
Amorphous Silica	0.1			63231-67-4	

3.0 PHYSICAL AND CHEMICAL PROPERTIES

3.1 Appearance : Iridescent coloured film particles  
3.2 Odour : Mild odour  
3.3 Ph : N/A  
3.4 Boiling Point : N/A  
3.5 Melting Point : No fixed melting point but softens gradually.

- 3.6 Flash Point : None
  - 3.7 Flammability : Combustible
  - 3.8 Auto Flammability : N/A
  - 3.9 Explosive Properties : N/A
  - 3.10 Oxidising Properties : N/A
  - 3.11 Vapour Pressure : Negligible
  - 3.12 Density : N/A
  - 3.13 Solubility : None
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#### 4.0 FIRE FIGHTING MEASURES

- 4.1 Extinguishing Agents  
Water, fog, foam, alcohol foam, carbon dioxide, dry chemical.
  - 4.2 Special Fire Fighting Procedures  
Dense black smoke is emitted when burned without sufficient oxygen.
  - 4.3 Protection Requirements  
Wear protective pressure self-contained breathing apparatus for all fires.
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#### 5.0 STABILITY AND REACTIVITY

- 5.1 Stability  
Stable
  - 5.2 Conditions to Avoid  
Temperatures over 300°C release combustible gases.
  - 5.3 Materials to Avoid  
Acids, alkalis and strong oxidisers.
  - 5.4 Decomposition Products  
Smoke and noxious gases ( Carbon monoxide and hydrocarbons)
  - 5.5 Other Known Hazards  
Dense black smoke when burned without sufficient oxygen.
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#### 6.0 TOXICOLOGICAL INFORMATION

ACUTE -No sensitising effects known.

CHRONIC - Inconsistent data in workers show some evidence that chronic overexposure may lead to pneumoconiosis (adverse lung effects). However generation of sufficient silica dust levels from this material to produce such adverse effects seems unlikely

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#### 7.0 ECOLOGICAL INFORMATION

No data available

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## 8.0 HANDLING AND STORAGE

No special precautions to be taken when handling and storing. Practise reasonable care and caution in the handling of this product. Avoid breathing dust if generated. Store away from excessive heat and sources of ignition.

Indefinite shelf life in natural state

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## 9.0 EXPOSURE STANDARDS / PERSONAL PROTECTION

9.1 Occupational Exposure Standards  
Amorphous Silica dust 10mg/m<sup>3</sup>.

9.2 Ventilation  
Good general ventilation sufficient for most conditions.

9.3 Respiratory Protection  
Where adequate ventilation cannot be provided use an approved dust respirator.

9.4 Skin Protection  
Normal work wear overalls

9.5 Eye Protection  
Use safety goggles.

9.6 Other Special Requirements

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## 10.0 FIRST AID MEASURES

10.1 Eye Contact  
Irrigate eyes for at least 5 minutes. Mechanical irritation only.

10.2 Skin Contact  
Wash with soap and water

10.3 Inhalation  
Not required

10.4 Ingestion  
Not probable. Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be necessary.

IN ALL CASES IF SYMPTONS ARE SEVERE, SEEK EXPERT MEDICAL ATTENTION

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## 11.0 ACCIDENTAL RELEASE MEASURES / SPILLAGE



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Proper Shipping Name  
 Not classified as hazardous

14.0 REGULATORY INFORMATION

1. The control of substances hazardous to health regulations 1996.
2. Occupational exposure standards EH40.
3. The chemicals (Hazard, information and packaging for supply) Regs 1996.

Users must make their own assessment of the risk encountered in their own individual workplace. The information contained in this sheet will provide the basic information required to undertake these assessments. Where there is a chain of supply, it is the responsibility of the consignor to provide a safety data sheet to the consignee and to check the adequacy of the information supplied.

15.0 HAZARD IDENTIFICATION

Low hazard

16.0 OTHER INFORMATION

- 16.1 Recommended Uses and Restrictions  
 There are several uses for this product, please refer to Product Technical Information.
- 16.2 Data Sources  
 Dangerous Properties of industrial materials - N Irving Sax - R J Lewis.  
 Manufacturers safety data sheet
- 16.3 Training Information  
 The details contained in this data sheet must be passed on to all users of the product.

THIS MSDS COMPLIES WITH THE EUROPEAN DIRECTIVES OF 5/3/91 DEFINING AND LAYING DOWN THE DETAILED ARRANGEMENTS FOR SPECIFIC INFORMATION RELATING TO DANGEROUS MATERIALS AND PREPARATIONS IN IMPLEMENTATION OF ARTICLE 10 OF DIRECTIVE 88/379/EEC AND LISTED IN ARTICLE 3 OF DIRECTIVE 91/155/EEC.