

MATERIAL SAFETY DATA SHEET

Ref: 002/01/04

Revision Date: 01/01/2005



ECR GLASSFLAKE

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

Product Name:	ECR Glass Flake		
Manufacturer:	Glassflake Limited Forster Street, Leeds, LS10 1PW United Kingdom.	Supplier:	Glassflake Ltd Forster Street, Leeds, LS10 1PW United Kingdom.
	Tel: +44 (0)113 2703 615 Fax: +44 (0)113 2718 750		Tel: +44 (0)113 2703 615 Fax: +44 (0)113 2718 750
Emergency Telephone:	+44 (0)1652 641 124		
Material Uses:	Functional Filler for use in Polymers		
Synonyms:	Borosilicate glass flakes		

2. COMPOSITION/INFORMATION OF INGREDIENTS

Description:	High Aspect Ratio Platelets
Chemical Name:	Flaked glass (Contains no free crystalline silica)
Coating (if applicable):	Silane based – Not exceeding 2% by volume or weight.
CAS Number:	65997-17-3
EINECS-Number:	Not Applicable

3. HAZARD IDENTIFICATION

Specific Hazard:	None
Physical Hazard:	None

4. FIRST AID

Eye Contact:	Flush with flowing water for at least 15 minutes and if symptoms persist, seek immediate medical attention.
Skin Contact:	Wash with mild soap and running water.
Inhalation:	None required
Ingestion:	If symptoms develop seek medical attention.

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5. FIRE FIGHTING PRECAUTIONS

Extinguishing Media: Water, foam, CO₂, dry chemical

Special Fire Fighting Procedures: None required.

Unusual Fire Hazards: None.

6. ACCIDENTAL RELEASE MEASURES

N/A

7. HANDLING AND STORAGE

Ventilation: May be required in some operations, such as dust generating manufacturing or fabrication operations.

Work Hygienic Practices: **Dust Prevention** - dust collection systems should be used in fabrication operations that have potential for exposure to dust.

Cleanliness - the work area should be kept clean of dust generating debris. Keep waste disposal equipment close to the working area to avoid unnecessary handling of waste materials.

Irritation: **Avoid Irritation** - be careful not to rub or scratch irritated areas. Use of barrier creams can, in some instances, be helpful.

8. EXPOSURE CONTROLS/PERSONNEL PROTECTION

Medical Conditions Generally Aggravated by Exposure: Any condition generally aggravated by mechanical irritants in air or on the skin.

Exposure Limits: None for Glassflake, general recommendations for exposure to dust will apply.

Carcinogenicity: Categorized as not classifiable relative to human Carcinogenicity

PERSONNEL PROTECTIVE EQUIPMENT

Respiratory Protective Equipment: Use of respiratory protection during manufacture or fabrication - appropriate respiratory protection should be used in accordance with the directions of each manufacturers' or fabricators' respiratory protection programme

Work Clothes: Wear loose fitting, long sleeved clothing. (Skin irritation is known to occur chiefly at pressure points such as around the neck and waist.) Gloves should be used. Use vacuum equipment to remove glassflake from clothes. Compressed air should never be used. Always wash work clothes separately and wipe out the washer/sink in order to prevent loose glassflake from getting on other articles.

Eye Protection: Safety glasses, goggles or face shields should be worn where glassflake may get into the eyes.

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9. PHYSICAL/CHEMICAL PROPERTIES

Appearance:	Solid in the form of flakes.
Colour:	White to off white.
Odour:	No odour.
Boiling Point:	N/A
Flash Point:	N/A
Explosive Limits:	N/A
Vapour Pressure:	N/A
Vapour Density (Air = 1):	N/A
Solubility in Water:	Non-soluble
Specific Gravity (H ₂ O = 1):	Not determined. Theoretically 3.
Percentage Volatile by Volume:	N/A

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	None
Unstable when mixed with:	N/A

11. TOXICOLOGICAL INFORMATION

No data for glassflake

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

Measures for Disposal: Dispose in accordance with local regulations. The primary method of disposal is in a municipal or industrial landfill.

14. TRANSPORT INFORMATION

Non Hazardous for transport purposes.

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15. REGULATORY INFORMATION

EEC Regulations:

EEC Labelling

16. OTHER INFORMATION

Note: This information is offered in good faith, but without guarantee or liability. Should further information regarding this product be required, please consult Glassflake Technical Services.