



PILKINGTON

PILKINGTON UNITED KINGDOM LIMITED

MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

CLEAR FLOAT, BODY COLOURED FLOAT, PILKINGTON K, COATED FLOAT,
TEXTURED AND WIRED GLASS

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COMPOSITION

The CLEAR FLOAT, BODY COLOURED FLOAT, PILKINGTON K, COATED
FLOAT, TEXTURED AND WIRED GLASS are soda-lime silicate.

Surface modified glasses have a slightly different surface composition to the main
body of the glass but of an extremely low concentration so that the overall
composition is hardly affected.

The glass may be supplied with a polymeric interleaving powder. On some glasses
the powder may contain adipic acid.

HAZARD IDENTIFICATION

The glasses as provided are non-toxic.

If the glass is worked any dust generated should be considered as a nuisance
particulate.

Transient skin irritation is feasible from excessive exposure to interleaving powder
which contains adipic acid



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FIRST AID MEASURES

<u>Eyes</u>	Irrigate with clean water. If irritation persists seek medical advice.
<u>Skin</u>	Wash with mild soap and water. If irritation persists seek medical advice.
Inhalation	If affected by upper respiratory tract irritation, remove from exposure.

The above refers to exposure to glass dust generated by process operations.

FIRE FIGHTING MEASURES

Non-combustible.

ACCIDENTAL RELEASE MEASURES

Shovel up whilst wearing protective clothing suitable for preventing laceration.

HANDLING AND STORAGE

The greatest risk in the handling and storage of glass is through laceration. Appropriate precautions to prevent the risk of this should be taken i.e. eye protection, cuffs, gloves, foot protection, head protection if handling above head height, etc., where appropriate.

EXPOSURE CONTROLS/PERSONAL PROTECTION

When working glass exposure to dust may occur. Appropriate occupational exposure standards are 10 mg/m³ total inhalable dust (8 hour time weighted average) and 4 mg/m³ for respirable dust (8 hour time weighted average).

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Glass is a solid withwith an amorphous random or non crystalline structure

STABILITY AND REACTIVITY

Glass is stable and unreactive.



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TOXICOLOGICAL INFORMATION

Exposure to excessive concentrations of glass dust may cause irritation to the upper respiratory tract eg. coughing etc. These effects will cease once exposure has stopped.

Contact with excessive concentrations of the interleaving powder containing adipic acid may cause transient skin and eye irritation.

ECOLOGICAL INFORMATION

Glass and glass dust are persistent materials and are unlikely to migrate.

No adverse environmental/ecological effects are foreseen.

DISPOSAL CONSIDERATIONS

Glass/glass dust should be disposed of as a controlled waste to land fill.

TRANSPORT INFORMATION

No special precautions apply, other than the safety aspects of glass transportation.

REGULATORY INFORMATION

EH40/2002 Occupational Exposure Limits 2002

This data sheet does not provide comprehensive information relating to the laceration hazards associated with glass handling and storage.