

MATERIAL SAFETY DATA SHEET

SECTION 1

Manufacturer: PILKINGTON North America, Inc.

Address: 811 Madison Ave.
Toledo, OH 43697-0799

Emergency Telephone: 419-247-3731

Product:

Pilkington Optifloat™ Glass (Clear, Bronze, Grey, Blue-Green)

Pilkington ECLIPSE™ Reflective Glass

Pilkington Activ™ Self-Cleaning Glass

Pilkington Energy Advantage™ Low-E glass

Pilkington Mirropane E.P.™ transparent mirror

Pilkington OptiTec™ Anti-Reflective Glass

Pilkington Solar E™ Solar Control Low E glass

Pilkington Optiwhite™ Low Iron Float Glass

Pilkington EverGreen™ Glass

Pilkington Optiwhite™ Glass

Pilkington SuperGrey™ Glass

Pilkington Arctic Blue™ Glass

Pilkington Texture™ Glass

Pilkington TEC™ Glass

Date Prepared: March, 1993

Revised: October, 2002

SECTION 2 HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s)	%	CAS No.	PEL	TLV	SARA
Particulate-Not Otherwise Regulated		65997-17-3	15 Mg/m ^{3*}	10 Mg/m ^{3***}	N/A
			5 Mg/m ^{3**}	3Mg/m ^{3**}	

* Total particulate

** Respirable particulate

*** Inhalable particulate

This product is not considered to be or to contain hazardous chemicals based on evaluations made by our company under the Hazard Communication Standard, 29 CFR 1910.1200. Dust generated during breakage or fabrication of this product is an amorphous silicate and should be considered a "nuisance particulate".

SECTION 3 PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point:	N/A	Specific Gravity (H ₂ O = 1):	2.45
Vapor Pressure (mm Hg):	N/A	Vapor Density (Air = 1):	N/A
Evaporation Rate (BuAc=1):	N/A	Solubility in Water:	Insoluble
Melting Point:	> 2,000° F	Volatility:	Not Volatile
Appearance and Odor:	Clear to pale green or tinted to various shades depending on product type. No odor.		

SECTION 4 FIRE & EXPLOSION DATA

Flash Point:	N/A	Extinguishing Media:	N/A
Flammable Limits:	LEL: N/A UEL: N/A	Special Fire-Fighting Procedures:	None
Auto Ignition Temperature:	Non-flammable.	Unusual Fire and Explosion Hazards:	None known

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SECTION 5 PHYSICAL HAZARDS (REACTIVITY DATA)

Stability:	Stable
Incompatibility (Materials to Avoid):	None known
Hazardous Decomposition Products:	None
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	None known

SECTION 6 HEALTH HAZARDS

Flat glass products in their normal state do not present an inhalation or ingestion hazard. Fabrication operations such as cutting, grinding, seeming, edging or breaking may result in the release of airborne dust which may presenta health hazard.

Primary Routes of Exposure:	Direct skin contact and/or inhalation of dust.
Acute Signs and Symptoms of Overexposure:	Irritation of eyes, nose, and throat when exposed to dust.
Chronic Signs and Symptoms of Overexposure:	No known specific disease associated with chronic exposure.
Carcinogenicity:	Not listed in IARC, OSHA, or NTP.
Medical Conditions Generally Aggravated by Exposure:	Pre-existing respiratory conditions may be aggravated by this and any other dust.

First-Aid Procedures

Eye:	Wash out immediately with large volumes of water. Contact physician.
Skin:	Wash with soap and water. Do not rub.
Inhalation:	Remove from exposure and contact physician.
Ingestion:	Seek medical attention.

SECTION 7 SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage:	None other than safe handling practices to avoid lacerations.
Other Precautions:	Safety glasses/goggles recommended to protect eyes in the event of breakage.
Steps Taken in Case Material is Released or Spilled:	N/A
Waste Disposal Methods:	Not considered a hazardous waste. (Consult Federal, State and Local Regulations)

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SECTION 8 SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection:	Only required if exceeding TLV or PEL for particulate.
Specified Type:	NIOSH/MSHA approved for particulates.
Ventilation:	Use local exhaust as required to maintain dust below TLV or PEL.
Protective Gloves:	Anti-lacerative gloves recommended
Eye Protection:	Goggles or face shield
Other Protective Clothing or Equipment:	Glass handler's cuffs, chaps, and apron
Work/Hygienic Practices:	Use wet methods during grinding or cutting to reduce dust generation

SECTION 9 ADDITIONAL INFORMATION

The information presented above is believed to be accurate and reliable to the best of our knowledge, however Pilkington makes no warranties expressed or implied regarding this information. In addition, since the use of the product is not within the control of Pilkington, it is the user's obligation to determine the conditions of safe use of this product.