



## **MATERIAL SAFETY DATA SHEET**

### **I. COMPANY INFORMATION**

**Company Name:** Glass Technology Inc  
**Address:** 434 Turner Dr, Durango, Colorado USA 81303  
**Phone:** (970) 247 9374  
**Date Prepared:** 4/13/2009

### **II. COMPOSITION, INFORMATION ON INGREDIENTS**

**Product Brand:** "Diamond Fast Compound"  
**Product Class:** Water Base  
**Evaporation Rate:** Of Water  
**Appearance and Odor:** White Cream, Pleasant Odor  
**Percent Volatile by Volume:** > 50%  
**Boiling Range:** Of Water  
**Vapor Range:** Of Water  
**Vapor Pressure:** Of Water  
**Solubility in Water:** 100%  
**Hazardous Ingredients:** Cerium Oxide, Ethylene Glycol

### **III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY**

**Eyes:** MAY CAUSE SLIGHT IRRITATION.

**Skin:** PROLONGED SKIN CONTACT MAY CAUSE SKIN IRRITATION AND/OR DERMATITIS.

**Ingestion:** CONTAINS SMALL AMOUNTS OF ETHYLENE GLYCOL WHICH IS KNOWN TO BE TOXIC TO HUMANS AND ANIMALS.

**Inhalation:** DUST IRRITATING TO RESPIRATORY TRACT.

### **IV. FIRST AID MEASURES**

**Eyes:** RINSE IMMEDIATELY WITH PLENTY OF WATER, ALSO UNDER THE EYELIDS.  
GET MEDICAL ATTENTION IF IRRITATION DEVELOPES.

**Skin:** WASH OFF IMMEDIATELY WITH SOAP AND PLENTY OF WATER. REMOVE  
AND WASH CONTAMINATED CLOTHING BEFORE RE-USE. IF SYMPTOMS  
PERSIST, CALL A PHYSICIAN.

**Ingestion:** CONTAINS SMALL AMOUNTS OF ETHYLENE GLYCOL WHICH IS KNOWN TO BE TOXIC TO HUMANS AND ANIMALS. DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF LARGE QUANTITIES OF THIS MATERIAL ARE SWALLOWED, CALL A PHYSICIAN IMMEDIATELY. LOOSEN TIGHT CLOTHING SUCH AS A COLLAR, TIE, BELT OR WAISTBAND.

**Inhalation:** MOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.

## **V. FIRE FIGHTING MEASURES**

**Flash Point:** >200 F

**Test Method:** N/A

**Lower Flammability Limit:** N/A

**Upper Flammability Limit:** N/A

**Extinguishing Agents:** USE EXTINGUISHING MEASURES THAT ARE APPROPRIATE TO LOCAL CIRCUMSTANCES AND THE SURROUNDING ENVIRONMENT.

**Unusual Fire or Explosion:** NONE KNOWN

## **VI. ACCIDENTAL RELEASE MEASURES**

**Containment/Cleanup:** CLEAN UP PROMPTLY BY SCOOP OR VACUUM. WEAR PERSONAL PROTECTIVE EQUIPMENT. KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL

**Other:** PERSONAL PRECAUTIONS:

AVOID DUST FORMATION. EVACUATE AREA OF ALL UNNECESSARY PERSONNEL. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. USE PERSONAL PROTECTIVE EQUIPEMENT. ENVIRONMENTAL PRECAUTIONS: PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. DO NOT LET PRODUCT ENTER DRAINS. DO NOT FLUSH INTO SURFACE WATER OR SANITARY SEWER SYSTEMS.

## **VII. HANDLING AND STORAGE**

**Other:** HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. AVOID DUST FORMATION. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WASH HANDS THOROUGHLY BEFORE EATING, DRINKING OR SMOKING.

STORAGE: KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE.

## **VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eyes:** SAFETY GOGGLES WITH SIDE-SHIELDS.

**Skin:** LIGHTWEIGHT PROTECTIVE CLOTHING.

HAND PROTECTION: IMPERVIOUS GLOVES.

**Respiratory:** USE NIOSH APPROVED RESPIRATOR WHEN VENTILATION IS INADEQUATE.

**Engineering:** PROVIDE APPROPRIATE EXHAUST VENTILATION AT MACHINERY AND AT PLACES WHERE DUST OR FUMES CAN BE GENERATED.

**Other:** HYGIENE MEASURES: WASH CONTAMINATED CLOTHING BEFORE RE-USE.

## **IX. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** WHITE

**Melting Point:** >2,600°C

**Ph:** 7

**Odor:** NONE

**Solubility in Water:** INSOLUBLE

**Physical State:** SOLID

**Form:** FINE POWDER/ SUSPENSION TREATED

**Density:** 6.5

## **X. STABILITY AND REACTIVITY**

**Stability:** STABLE AT NORMAL CONDITIONS

**Hazardous Polymerization:** WILL NOT OCCUR

**Hazardous Decomposition**

**Products:**

NONE REASONABLY FORESEEABLE. NONE UNDER NORMAL USE.

**Incompatible Products:** STRONG ACIDS

**Conditions To Avoid:** NONE KNOWN

## **XI. TOXICOLOGICAL INFORMATION**

**Acute Toxicology Data:** NO DATA IS AVAILABLE ON THE PRODUCT ITSELF

## **XII. ECOLOGICAL INFORMATION**

**Environmental Fate and Distribution:**

NO DATA IS AVAILABLE ON THE PRODUCT ITSELF.

**Persistence and Degradation:**

NO INFORMATION AVAILABLE.

### **XIII. DISPOSAL CONSIDERATIONS**

**Disposal Method:** WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS. WHERE POSSIBLE RECYCLING IS PREFERRED TO DISPOSAL OR INCINERATION. THIS PRODUCT CONTAINS NATURALLY OCCURING RADIOACTIVE MATERIALS (NORM).CONSULT AND COMPLY WITH CURRENT REGULATIONS.

### **XIV. TRANSPORT INFORMATION**

**International regulations:**

**Land:**

**Rail/Road (RID/ADR):** NOT RESTRICTED.

**Sea (IMO/IMDG):** NOT RESTRICTED.

**Air (ICAO-IATA):** NOT RESTRICTED.

### **XV. REGULATORY INFORMATION**

NO INFORMATION AVAILABLE.

### **XVI. OTHER INFORMATION**

#### **WARRANTY INFORMATION**

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION.NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.