

**MATERIAL SAFETY DATA SHEET**  
(Approved by U.S. Department of Labor; Essentially similar to form OSHA-20)

**SWARCO INDUSTRIES**  
**P.O. BOX 89**  
**901 N JAMES CAMPBELL BLVD**  
**COLUMBIA, TN 38402**  
**931/388-5900**

**EMERGENCY TELEPHONE NUMBER: 1-800-535-5053**

**SECTION I**

PRODUCT NAME: SWARCO REFLEX GLASS BEAD  
CHEMICAL FAMILY: GLASS OXIDE  
CAS NUMBER: 65997-17-3

HMIS: HEALTH: 0

FLAMMABILITY: 0

REACTIVITY: 0

**SECTION II HAZARDOUS INGREDIENTS**

MATERIAL OF COMPONENTS	%	CAS NO.	PEL	TLV
Nuisance Dust	----	-----	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Nuisance Dust-Respirator	----	-----	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>

Glass beads are not considered to be hazardous by the EPA under 29 CFT 1910.1200 and the Federal Register, Vol. 51, No. 221, pp 41582-41594. The RCRA status of unused material is not hazardous according to the list of CERCLA chemical. It is not on the toxic chemical list in the Committee Print Number 99-169.

**SECTION III PHYSICAL DATA**

VAPOR PRESSURE: N/A

BOILING POINT: NOT MEASURABLE

VAPOR DENSITY: N/A

SOLUBILITY IN WATER: N/A

MELTING POINT: >1100 F

APPEARANCE AND ODOR: White, clear, No taste or odor

SPECIFIC GRAVITY: 2.4-2.6

EVAPORATION RATE: N/A

**SECTION IV FIRE AND EXPOSION DATA**

FLASH POINT:

N/A

FLAMMABLE LIMITS:

Does not ignite

EXTINGUISHING MEDIA:

Not a fire hazard

SPECIAL FIRE FIGHTING PROCEDURES:

None

UNUSUAL FIRE & EXPLOSION HAZARDS:

None

LEL & UEL:

N/A

## **SECTION V HEALTH HAZARD DATA**

HEALTH HAZARDS:	None
CARCINOGENIC:	No
ROUTES OF ENTRY:	Inhalation, Ingestion
WORK/HYGENIC PRACTICES:	Wash hands after handling beads and before eating
EFFECTS OF OVEREXPOSURE:	May cause temporary respiratory and eye irritation
EMERGENCY & FIRST AID PROCEDURES:	If beads or dust cause eye irritation, flush the affected Eye(s) with water of commercial eye wash. If existing respiratory/conditions are aggravated in your use of this product, get to well ventilated area. Seek medical attention for either emergency if condition isn't alleviated.

## **SECTION VI REACTIVITY DATA**

STABILITY:	Stable
CONDITIONS TO AVOID:	None
INCOMPATIBILITY (Materials to avoid):	None
HAZARDOUS DECOMPOSITION PRODUCTS:	None
HAZARDOUS POLYMERIZATION:	Will not occur

## **SECTION VII SPILL OR LEAK PROCEDURES**

STEPS IN CASE OF SPILLED OR RELEASED MATERIAL:

Vacuum or sweep up excess material to avoid a possible slipping hazard.

WASTE DISPOSAL METHOD:

Glass beads may be disposed in a solid waste landfill if permitted by applicable Federal, State and Local Regulation.

## **SECTION VIII SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION:	NIOSH approved dust respirator or dust mask
VENTILATION:	Mechanical and local exhaust recommended when Generating excessive levels of airborne dusts.
PROTECTIVE GLOVES:	As required per job
EYE PRETECTION:	Safety Glasses or Goggles
OTHER PROTECTIVE EQUIPMENT:	None

## **SECTION IX SPECIAL PRECAUTIONS**

PRECAUTIONS IN HANDLING AND STORAGE:	None
OTHER PRECAUTIONS:	None