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

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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 ³	10 mg / m ³
Nuisance Dust-Respirator	---	-----	5 mg/m ³	5 mg/m ³

Glass beads are not considered to be hazardous by the EPA under 29 CFR 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 chemicals. It is not on the toxic chemical list in the Committee Print Number 99-169.

SECTION III - PHYSICAL DATA

VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
MELTING POINT: > 1100 F
SPECIFIC GRAVITY: 2.4-2.6

BOILING POINT: Not Measurable
SOLUBILITY IN WATER: N/A
APPEARANCE AND ODOR: White, No taste or Odor
EVAPORATION RATE: N/A

SECTION IV - FIRE AND EXPLOSION HAZARD 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
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 or commercial eye wash. If existing respiratory/conditions are aggravated in your use of this product, get to a well ventilated area. Seek medical attention for either emergency if condition is not 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: generating excessive levels	Mechanical and local exhaust recommended when of airborne dust.
PROTECTIVE GLOVES:	As require per job.
EYE PROTECTION:	Safety Glasses or Goggles
OTHER PROTECTIVE EQUIPMENT:	None

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS IN HANDLING AND STORAGE:	None
OTHER PRECAUTIONS:	None