

MATERIAL SAFETY DATASHEET

GLASS BEADS

SECTION 1	CHEMICAL PRODUCT
-----------	------------------

PRODUCT NAME: GLASS BEADS

SECTION 2	COMPOSITION/INFORMATION ON INGREDIENTS
-----------	--

CHEMICAL AND COMMON NAME	GLASS, OXIDE;
CAS#	65997-17-3
WT. %	>99%
OSHA PEL	15MG/M3 TOTAL DUST, 5MG/M3 RESPIRABLE
ACGIH TLV	10 MG/M3 INHALABLE, 3 MG/M3 RESPIRABLE

SECTION 3	HAZARDS IDENTIFICATION
-----------	------------------------

EMERGENCY OVERVIEW:	NONCOMBUSTIBLE GLASS BEADS. SPILLED MATERIAL IS EXTREMELY SLIPPERY.
EYE CONTACT:	PRACTICALLY NON-IRRITATING TO THE EYES.
SKIN CONTACT:	SLIGHTLY IRRITATING TO SKIN.
INHALATION:	MAY CAUSE IRRITATION
INGESTION:	NO KNOWN HAZARD
CHRONIC HAZARDS:	NO KNOWN CHRONIC HAZARDS. NOT LISTED BY NTP, IARC OR OSHA
PHYSICAL HAZARDS:	SPILLED MATERIAL IS EXTREMELY SLIPPERY.

SECTION 4	FIRST AID MEASURES
-----------	--------------------

EYE:	USE WATER TO FLUSH EYES 15 MIN IF CONTACT
SKIN:	USE WATER TO FLUSH SKIN IF CONTACT .TAKE OFF THE CONTAMINATED CLOTHING AND SHOES. GET MEDICAL TREATMENT IF IRRITATION OCCURS WASH CLOTHING BEFORE REUSE. THOROUGHLY CLEAN SHOES BEFORE REUSE.
INHALATION:	NA
INGESTION:	NA

Blasting Experts



www.blastingexperts.com

Distribuidor autorizado para Latinoamérica y el Caribe
Sucursales en Colombia, México, Chile, Perú, Ecuador, Brasil, Argentina y Panamá.

Oficina Principal:
Toronto, Ontario, CANADA - Tel.+1-905-541-0997

Atención y Soporte Técnico:
comercial@blastingexperts.com - ingenieria@blastingexperts.com



Traducción al Español - Blasting Experts

SECTION 5	FIRE FIGHTING MEASURES
FLAMMABLE LIMITS:	NONCOMBUSTIBLE.
EXTINGUISHING MEDIA:	COMPATIBLE WITH ALL EXTINGUISHING MEDIA
HAZARDS TO FIRE-FIGHTERS:	SEE SECTION 3 FOR INFORMATION ON HAZARDS IF THIS MATERIAL IS PRESENT IN THE AREA OF A FIRE.
FIRE-FIGHTING EQUIPMENT:	RUBBER BOOTS WITH SLIP-RESISTANT SOLES IS SUGGESTED TO BE USED IF THIS MATERIAL IS PRESENT IN A FIRE .
PERSONAL PROTECTION:	RUBBER BOOTS WITH SLIP-RESISTANT SOLES, AND NIOSH IF DUST RESPIRATOR WHERE DUST OCCURS. SEE SECTION 8
ENVIRONMENTAL HAZARDS:	SINKS IN WATER. NO KNOWN HAZARD TO AQUATIC LIFE.
SMALL SPILL CLEANUP:	SHOVEL OR SWEEP UP SPILLED MATERIAL CAREFULLY AND PLACE IN SUITABLE CONTAINER. CONTAINER SHOULD BE CLOSED. USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE). SEE SECTION 8.
LARGE SPILL CLEANUP:	KEEP UNNECESSARY PEOPLE AWAY; ISOLATE HAZARD AREA AND DENY ENTRY. DO NOT WALK THROUGH SPILLED MATERIAL. CAREFULLY SHOVEL OR SWEEP UP SPILLED MATERIAL AND PLACE IN SUITABLE CONTAINER. AVOID GENERATING DUST. USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE). SEE SECTION 8.
CERCLA RQ:	THERE IS NO CERCLA REPORTABLE QUANTITY FOR THIS MATERIAL.
HANDLING:	CONTACT WITH EYES AND SKIN SHOULD BE AVOID . ..PROMPTLY CLEAN UP SPILLS
STORAGE:	STORE IN DRY CLEAN FIBER OR PLASTIC CONTAINERS

SECTION 8	EXPOSURE CONTROLS/PERSONAL PROTECTION
ENGINEERING CONTROLS:	USE WITH ADEQUATE VENTILATION. CONTAINERS SHOULD BE CLOSED. EYEWASH STATION SHOULD BE WITHIN DIRECT ACCESS.
RESPIRATORY PROTECTION:	USE A NIOSH-APPROVED DUST RESPIRATOR IF DUST OCCURS. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE (29 C.F.R. §1910.134).
SKIN PROTECTION:	BODY-COVERING CLOTHING SHOULD BE WORN
EYE PROTECTION:	SAFETY GLASSES SHOULD BE WORN
APPEARANCE:	GLASS BEAD.
COLOR:	COLORLESS
MELTING POINT:	APPROXIMATELY 730° C.
ODOR:	ODORLESS.
SPECIFIC GRAVITY:	2.4-2.6
SOLUBILITY IN WATER:	NSOLUBLE.
STABILITY:	STABLE
CONDITIONS TO AVOID:	NONE.
MATERIALS TO AVOID:	DISSOLVES IN HF ACID.
HAZARDOUS DECOMPOSITION PRODUCTS:	NONE KNOWN.
ACUTE DATA:	WHEN TESTED FOR PRIMARY IRRITATION POTENTIAL, A SIMILAR MATERIAL WAS PRACTICALLY NON-IRRITATING TO THEEYES AND SLIGHTLY IRRITATING TO THE SKIN. THE ACUTE ORAL TOXICITY OF THIS PRODUCT HAS NOT BEEN TESTED. A SIMILAR MATERIAL WAS NONTOXIC TO RATS AT 5,000 MG/KG. ALL ANIMALS SURVIVED, GAINED WEIGHT AND APPEARED THERE WERE NO SIGNS OF GROSS TOXICITY, ADVERSE PHARMACOLOGIC EFFECTS OR ABNORMAL BEHAVIOR

SUBCHRONIC DATA:	THERE ARE NO KNOWN REPORTS OF SUBCHRONIC TOXICITY OF NONFIBROUS GLASS.
SPECIAL STUDIES:	THERE ARE NO KNOWN REPORTS OF CARCINOGENICITY OF NONFIBROUS GLASS. NONFIBROUS GLASS IS NOT LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
ECO TOXICITY:	NO REPORTS RECORDS ECOTOXICITY OF NONFIBROUS GLASS
ENVIRONMENTAL FATE:	THIS MATERIAL IS PERSISTENT BUT INERT IN AQUATIC SYSTEMS. IT WILL NOT BIOCONCENTRATE UP THE FOOD CHAIN.
PHYSICAL/CHEMICAL:	SINKS IN WATER. INSOLUBLE IN WATER.

SECTION 13	DISPOSAL CONSIDERATIONS
CLASSIFICATION:	THIS MATERIAL IS NOT A HAZARDOUS WASTE.
DISPOSAL METHOD:	DISPOSE ACCORDING TO REGULATIONS

THIS MATERIAL IS NOT
HAZARD FOR TRANSPORTATION

SECTION 15	REGULATORY INFORMATION
SARA TITLE III:	NOT AN EXTREMELY HAZARDOUS SUBSTANCE UNDER §302 NOT A TOXIC CHEMICAL UNDER §313.

Blasting Experts



www.blastingexperts.com

Distribuidor autorizado para Latinoamérica y el Caribe
Sucursales en Colombia, México, Chile, Perú, Ecuador, Brasil, Argentina y Panamá.

Oficina Principal:
Toronto, Ontario, CANADA - Tel. +1-905-541-0997

Atención y Soporte Técnico:
comercial@blastingexperts.com - ingenieria@blastingexperts.com



Traducción al Español - Blasting Experts