## 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. %

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

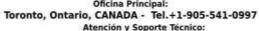
PHYSICAL HAZARDS: SPILLED MATERIAL IS EXTREMELY SLIPPERY.

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















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

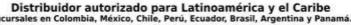
AVOID . ..PROMPTLY CLEAN UP SPILLS

STORAGE: STORE IN DRY CLEAN FIBER OR PLASTIC

CONTAINERS







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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.

COLORLESS 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

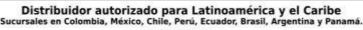
MATERIAL WAS NONTOXIC TO RATS AT 5,000 MG/KG. ALL ANIMALS SURVIVED, GAINED WEIGHT AND APPEARED THERE WERE NO SIGNS OF GROSS TOXICITY, ADVERSE PHARMACOLOGIC

EFFECTS OR

ABMORMAL BEHAVIOR







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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.





