

PROMAX

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **PROTEC GLASS BEADS**
SUPPLIER NAME: PROMAX INDUSTRIES
ADDRESS: PARKVEJ 44, RANDERS 8920, DK
TELEPHONE: +45 86 317 317
FAX: +45 86 317 318

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

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.

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

5. FIRE FIGHTING MEASURES

FLAMMABLE LIMITS:	NONCOMBUSTIBLE.
EXTINGUISHING MEDIA:	COMPATIBLE WITH ALL EXTINGUISHING MEDIA SEE SECTION 3 FOR INFORMATION ON HAZARDS IF THIS MATERIAL IS PRESENT IN THE AREA OF A FIRE.
HAZARDS TO FIRE-FIGHTERS:	RUBBER BOOTS WITH SLIP-RESISTANT SOLES IS SUGGESTED TO BE USED IF THIS MATERIAL IS PRESENT IN A FIRE.
FIRE-FIGHTING EQUIPMENT:	

PROMAX INDUSTRIES APS

P. O. Box 4068 · Parkvej 44 · DK-8920 Randers · Denmark
Phone: +45 86 317 317 · Fax: +45 86 317 318 · Email: info@promaxind.com
VAT N°: DK 28103662 · SE 5020648803 · PT 980391997
FI 2189533-6 · ES N0081907H

PROMAX

6. ACCIDENTAL RELEASE MEASURES

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.

7. HANDLING AND STORAGE

HANDLING:	CONTACT WITH EYES AND SKIN SHOULD BE AVOIDED. PROMPTLY CLEAN UP SPILLS
STORAGE:	STORE IN DRY CLEAN FIBER OR PLASTIC CONTAINERS

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

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	GLASS BEAD
COLOR:	COLORLESS
MELTING POINT:	APPROXIMATELY 730° C
ODOR:	ODORLESS
SPECIFIC GRAVITY:	2.4-2.6
SOLUBILITY IN WATER:	INSOLUBLE

10. STABILITY AND REACTIVITY

STABILITY:	STABLE
CONDITIONS TO AVOID:	NONE.
MATERIALS TO AVOID:	DISSOLVES IN HF ACID.
HAZARDOUS DECOMPOSITION PRODUCTS:	NONE KNOWN.

11. TOXICOLOGICAL INFORMATION

ACUTE DATA:	WHEN TESTED FOR PRIMARY IRRITATION POTENTIAL, A SIMILAR MATERIAL WAS
-------------	--

PROMAX INDUSTRIES APS

P. O. Box 4068 · Parkvej 44 · DK-8920 Randers · Denmark
Phone: +45 86 317 317 · Fax: +45 86 317 318 · Email: info@promaxind.com
VAT N°: DK 28103662 · SE 5020648803 · PT 980391997
FI 2189533-6 · ES N0081907H

PROMAX

PRACTICALLY NON-IRRITATING TO THE EYES 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.

12. ECOLOGICAL INFORMATION	
-----------------------------------	--

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.

13. DISPOSAL CONSIDERATIONS	
------------------------------------	--

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

14. TRANSPORT INFORMATION	
----------------------------------	--

THIS MATERIAL IS NOT HAZARD FOR TRANSPORTATION

15. REGULATORY INFORMATION	
-----------------------------------	--

SARA TITLE III:	NOT AN EXTREMELY HAZARDOUS SUBSTANCE UNDER §302 NOT A TOXIC CHEMICAL UNDER §313.
-----------------	---

PROMAX Industries

DATE: 17.02.2009

PROMAX INDUSTRIES APS

P. O. Box 4068 · Parkvej 44 · DK-8920 Randers · Denmark
Phone: +45 86 317 317 · Fax: +45 86 317 318 · Email: info@promaxind.com
VAT N°: DK 28103662 · SE 5020648803 · PT 980391997
FI 2189533-6 · ES N0081907H