



HAZARD RATING  
4=EXTREME  
3=HIGH  
2=MODERATE  
1=SLIGHT  
0=INSIGNIFICANT

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0

SAFETY DATA SHEET  
VEXCON NO. OP115  
**CERTI-VEX GRIP**

**SECTION I - GENERAL INFORMATION**

<b>PRODUCT IDENTIFICATION:</b> <b>CERTI-VEX GRIP</b>	
<b>VOC CONTENT:</b> NO VOC REQUIRED	
<b>CATEGORY:</b> NON-REGULATED	
<b>COMMON NAME:</b> SLIP RESISTANT ADDITIVE	
<b>MANUFACTURER:</b>	<b>VEXCON CHEMICALS, INC.</b>
<b>ADDRESS:</b>	7240 STATE RD., PHILA., PA 19135 USA
<b>EMERGENCY NO:</b>	1-800-858-2828 (PolySat)
<b>TELEPHONE NO:</b>	1-215-332-7709 (Vexcon)
<b>CHEMTREC NO:</b>	1-800-424-9300 (CCN#23822)
<b>PREPARED:</b>	FEBRUARY 2007
<b>UPDATED:</b>	NOVEMBER 2015
<b>PREPARED BY:</b>	DARRYL F. MANUEL, PRESIDENT

**SECTION II - HAZARD IDENTIFICATION**

**DOT SHIPPING NAME:**

UN ID NUMBER / SHIPPING NAME / HAZARD CLASS / PKG GROUP  
IN CONTAINERS LESS THAN 119 GALS: **(NON-REGULATED)**  
IN CONTAINERS GREATER THAN 119 GALS: **(NON-REGULATED)**  
**FOR LIMITED QUANTITY AIR & OCEAN SHIPMENT:**  
**(NON-REGULATED)**

**HEALTH AND SAFETY:**

THIS PRODUCT IS A WHITE POWDERED SOLID. CONTINUED  
INHALATION OF DUST OVER A PERIOD OF YEARS WITHOUT PROPER  
RESPIRATOR AND VENTILATION CONTROLS WILL CAUSE SILICOSIS  
AND LUNG CANCER. USED ONLY WITH SAFETY GLASSES NEOPRENE  
GLOVES AND PROTECTIVE CLOTHING RECOMMENDED.



**SECTION III HAZARDOUS INGREDIENTS**

MATERIAL OR COMPONENTS	CAS NO.	%	HAZARD DATA	UN#
POLYPROPYLENE HOMOPOLYMER	9003-07-0	100%	OSHA PEL: 15mg/m3 (dust)	

**SECTION IV FIRST AID MEASURES**

**HEALTH HAZARD DATA HAZARD CLASSIFICATION**  
**BASIS FOR CLASSIFICATION SOURCE**

**ROUTES OF EXPOSURE:**

<b>INHALATION:</b>	DUST CAN CAUSE INFLAMMATION OF NOSE TISSUE LINING AND CORNEA. HYPERSENSITIVITY MAY CAUSE ALLERGIC DERMATITIS. CONTINUED INHALATION OF DUST OVER A PERIOD OF YEARS WITH OUR PROPER RESPIRATORY AND VENTILATION CONTROLS WILL CAUSE SILICOSIS AND LUNG CANCER.
<b>SKIN CONTACT:</b>	THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT. PRODUCT IS ALKALINE AND CAN IRRITATE THE SKIN.
<b>SKIN ABSORPTION:</b>	THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT. PRODUCT IS ALKALINE AND CAN IRRITATE THE SKIN.
<b>EYE CONTACT:</b>	THIS PRODUCT MAY BE AN EYE IRRITANT.
<b>INGESTION / INHALATION</b>	CURRENT OSHA STANDARDS FOR CRYSTALLINE SILICA IS 10mg PER CUBIC METER OF AIR DIVIDED BY THE PERCENT S102 AVERAGED OVER AN EIGHT HOUR WORK SHIFT AND FOR TOTAL DUST IS 30 mg/m <sup>3</sup> DIVIDED BY THE PERCENT S12 AVERAGED OVER AN EIGHT HOUR WORK SHIFT. SEEK IMMEDIATE MEDICAL ATTENTION.
<b>EFFECTS OF OVEREXPOSURE:</b>	WITHOUT PROPER RESPIRATOR AND VENTILATION CONTROLS PROLONGED INHALATION OF DUST OVER A PERIOD OF YEARS WILL CAUSE SILICOSIS AND LUNG CANCER.
<b>ACUTE OVEREXPOSURE:</b>	PRODUCT IS ALKALINE AND CAN IRRITATE THE SKIN AND EYES AS WELL AS THE MUCOUS MEMBRANES.

**EMERGENCY AND FIRST AID PROCEDURES:**

<b>EYES:</b>	FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SEEK IMMEDIATE MEDICAL ATTENTION. CONSULT A PHYSICIAN.
<b>SKIN:</b>	WASH WITH SOAP AND LARGE QUANTITIES OF WATER. SEEK MEDICAL ATTENTION IF SKIN IRRITATION DEVELOPS AND PERSISTS.
<b>INHALATION:</b>	MOVE TO LOCATION FREE FROM VAPORS. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING STOPS, BEGIN ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION. THIS PRODUCT CONTAINS SOMETIMES SMALL QUANTITIES OF RESPIRABLE CRYSTALLINE SILICA. PROLONGED / REPEATED INHALATION OF RESPIRABLE CRYSTALLINE SILICA DUST MAY CAUSE DELAYED LUNG INJURY (SILICOSIS) AND INCREASE THE RISKS OF DEVELOPING RESPIRATORY CANCER.
<b>INGESTION:</b>	SEEK IMMEDIATE MEDICAL ATTENTION. GIVE MILK OR EGG WHITE BEATEN WITH WATER UNTIL VOMIT FLUID IS CLEAR. IF VOMITING DOES NOT OCCUR, INDUCE VOMITING BY GAGGING THE VICTIM. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

## **SECTION V FIREFIGHTING MEASURES**

<b>EXTINGUISHING MEDIA:</b>	EXCLUDE AIR. FIRES INVOLVING THIS PRODUCT MAY BE CONTROLLED BY <b>REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICALS OR WATER SPRAY.</b>
<b>GENERAL HAZARD:</b>	
<b>ELECTRO-STATIC ACCUMULATION HAZARD:</b>	NA
<b>UNUSUAL FIRE AND EXPLOSION HAZARD:</b>	NA THIS PRODUCT IS NOT COMBUSTIBLE OR EXPLOSIVE
<b>SPECIAL FIRE FIGHTING PROCEDURES</b>	NA

## **SECTION VI ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** ELIMINATE SOURCES OF IGNITION (FLARES, FLAMES, PILOT LIGHTS, ELECTRICAL SPARKS). PREVENT ADDITIONAL DISCHARGE OF MATERIAL; IF POSSIBLE TO DO SO WITHOUT HAZARD. FOR SMALL SPILLS, IMPLEMENT CLEANUP PROCEDURES. FOR LARGE SPILL, IMPLEMENT CLEAN UP PROCEDURES AND, IF IN PUBLIC AREA, KEEP PUBLIC AWAY AND ADVISE AUTHORITIES. DIKE SPILL AREA WITH SAND OR EARTH TO CONTAIN SPILLED LIQUID AND PREVENT SPREADING. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST. PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID CAN BE TAKEN UP ON SAND, EARTH, FLOOR ABSORBENT, OR WITH ANOTHER SUITABLE ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO EPA, FEDERAL, STATE, AND LOCAL DISPOSAL REGULATIONS.

## **SECTION VII HANDLING AND STORAGE**

**PRECAUTIONARY STATEMENTS:** PERSONNEL SHOULD AVOID INHALATION OF VAPORS. PERSONAL CONTACT WITH THE PRODUCT SHOULD BE AVOIDED. SHOULD CONTACT BE MADE, REMOVE SATURATED APPAREL AND FLUSH AFFECTED BODY AREAS WITH WATER. CLOTHING MUST BE WASHED AND DRIED BEFORE REUSE. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE (VAPOR, LIQUID AND/OR SOLID). ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.

**FIRE FIGHTING:** WATER MAY BE UNSUITABLE AS AN EXTINGUISHING MEDIUM BUT HELPFUL IN KEEPING ADJACENT CONTAINERS COOL. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES. PERSONNEL SHOULD AVOID INHALATION OF VAPORS.

**OTHER HANDLING AND STORAGE REQUIREMENTS:** STORE AND USE IN WELL VENTILATED AREA, EQUIVALENT TO FRESH AIR. KEEP CONTAINERS COOL, DRY, AND AWAY FROM SOURCES OF IGNITION. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE WITH INCOMPATIBLE MATERIALS. STORE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. DO NOT STORE OR CONSUME FOOD, DRINK, OR TOBACCO IN AREAS WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL. KEEP AWAY FROM HIGH TEMPERATURES, OPEN FLAMES, SPARKS, SOURCES OF IGNITION, ETC. USE WITH EXPLOSION PROOF EQUIPMENT IS HIGHLY ADVISABLE.

## **SECTION VIII EXPOSURE CONTROLS / PERSONAL PROTECTION**

**VENTILATION REQUIREMENTS:** CURRENT OSHA STANDARDS FOR CRYSTALLINE SILICA IS 10mg PER CUBIC METER OF AIR DIVIDED BY THE PERCENT S102 AVERAGED OVER AND EIGHT HOUR WORK SHIFT AND FOR TOTAL DUST IS 30 mg/m# DIVIDED BY THE PERCENT S12 AVERAGED OVER AND EIGHT HOUR WORK SHIFT.

**RESPIRATORY (SPECIFY IN DETAIL):** THE USE OF RESPIRATORY PROTECTION DEPENDS ON VAPOR CONCENTRATION ABOVE THE TIME WEIGHTED TLV: USE OF OSHA APPROVED CARTRIDGE RESPIRATOR OR GAS MASK OR AIR-PACK. CHEMICAL CARTRIDGE RESPIRATOR: HALF MASK ORGANIC VAPOR CARTRIDGE. FULL FACE ORGANIC VAPOR CARTRIDGE IF EYE PROTECTION IS NEEDED. OSHA/NOISH APPROVED RESPIRATORS 3M9900 OR EQUIVALENT.

**EYES:** CHEMICAL GOGGLES AND/OR FACE SHIELD ARE RECOMMENDED TO SAFEGUARD AGAINST POTENTIAL EYE CONTACT, IRRITATION OR INJURY.

**GLOVES:** THE USE OF IMPERMEABLE GLOVES IS ADVISED TO PREVENT SKIN IRRITATION IN SENSITIVE INDIVIDUALS. IMPERVIOUS GLOVES, (CHEMICAL RESISTANT) SUCH AS NEOPRENE, LATEX OR PVA.

**OTHER CLOTHING AND EQUIPMENT:** TO PREVENT BODY CONTACT, IMPERVIOUS CLOTHING AND BOOTS ARE RECOMMENDED. IMPERVIOUS APRONS AND HELMETS (HEAD COVER) ARE RECOMMENDED WHEN WORKING WITH THIS PRODUCT. THE AVAILABILITY OF EYE WASHES AND SAFETY SHOWERS IN WORK AREAS IS RECOMMENDED.

## **SECTION IX PHYSICAL / CHEMICAL CHARACTERISTICS**

<b>BOILING POINT: (760mmHg)</b> NA	<b>MELTING/FREEZING POINT:</b> NA
<b>VAPOR PRESSURE:</b> NA	<b>VAPOR DENSITY (AIR=1):</b> NA
<b>SOLUBILITY IN H2O % BY WT:</b> NA	<b>% VOLATILES BY VOL:</b> NA
<b>EVAPORATION RATE (AIR=1):</b> NA	<b>SPECIFIC GRAVITY (H2O=1)</b> 0.90 GR/CC
<b>pH (AS IS):</b> N/A	<b>pH (1% SOLN):</b> WITH WATER 12
<b>APPEARANCE AND ODOR:</b>	WHITE POWDER WAX ODOR
<b>FLASH POINT:</b> (TEST METHOD)	NA
<b>AUTOIGNITION TEMP:</b>	NA
<b>FLAMMABLE LIMITS IN AIR, % BY VOL:</b>	NA

## **SECTION X STABILITY AND REACTIVITY**

<b>CONDITIONS CONTRIBUTING TO INSTABILITY:</b>	WATER
<b>INCOMPATIBILITY:</b>	WATER
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	NA
<b>CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION:</b>	N/A WILL NOT OCCUR

## **SECTION XI TOXICOLOGICAL INFORMATION**

<b>CRONIC TOXICITY</b>	
<b>CARCINOGENIC EFFECTS</b>	NO COMPONENT OF THIS PRODUCT AT LEVELS GREATER THAN 0.1% IS IDENTIFIED AS A CARCINOGEN BY ACGIH OR THE INTERNAIONAL AGENCY FOR RESEARCH ON CANCER (IARC). NO COMPONENT OS THIS PRODUCT PRESENT AT LEVERLS GREATR THAN 0.1% IS IDENTIFIED A S A CARCINOGEN BY THE U.S . NATIONAL TOXICOLOGY PROGRAM (NTP) OR THE U/S/ OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA)
<b>MUTAGENIC EFFECTS</b>	NO COMPONENT OF THIS PORDUCT AT LEVELS GREATER THAN 0.1% IS CLASSIFIED BY ESTABLISHED REGULATORY CRITERIA AS A MUTAGEN.
<b>REPRODUCTIVE EFFECTS</b>	NO COMPONENT OF THIS PROUDCT AT LEVELS GREATER THANK 0.1% IS CLASSIFIED BY ESTABLISHED REGULATORY CIRITERIA AS A REPRODUCTIVE TOXIN.
<b>TERATOGENIC EFFECTS</b>	NO COMPONENT OF THIS PROUDCT AT LEVELS GREATER THANK 0.1% IS CLASSIFIED BY ESTABLISHED REGULAROTY CRITERIA AS TERATOGENIC OR EMBRYOTOCIC.

## SECTION XII ECOLOGICAL INFORMATION

<b>ECOTOXICITY</b>	NO TESTIN HAD BE PERFORMED BY THE MANUFACTURER.
<b>PERSISTAENCE/DEGRADABILITY</b>	NOT INHERENTLY BIODEGRADABLE (POLYMER)
<b>MOBILITY</b>	THIS PRODUCT IS LIGHTER THAN WATER AND WILL FLOAT ON THE SURFACE. THIS PRODUCT IS NOT LIKELY TO MOVE RAPIDLY IWHT SURFACE OR GROUNDWATER FLOWS BECAUSE OF ITS LOW WATER SOLUABILITY.
<b>BIOACCUMULATIVE POTENTIAL</b>	THIS PRODUCT IS NOT EXPECTED TO BIOACCUMULATE THROUGH FOOD CHAINS IN THE ENVIRONMENT.
<b>OTHER ECOLOGICAL INFORMATION</b>	WILDLIFE MAY INGEST PLASTIC PELLETS OR BAGS. ALTHOUGH NOT TOXIC, SUCH MATERIALS MY PHYSICALLY BLOCK THE DIGESTIVE SYSTEM, CAUSING STARVATION OR DEATH.

## SECTION XIII DISPOSAL CONSIDERATIONS

<b>AQUATIC TOXICITY (E.G. 96 HR. TLM):</b> DO NOT DISCHARGE THIS PRODUCT INTO PUBLIC WATERS OR WATERWAYS UNLESS AUTHORIZED BY A NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT ISSUED BY THE ENVIRONMENTAL PROTECTION AGENCY (EPA).
<b>WASTE DISPOSAL METHOD:</b> IF POSSIBLE, PUMP TO CONTROLLED CONTAINMENT AREA. ABSORB ON CLAY OR SAND. DISPOSE OF IN COMPLIANCE WITH EPA, FEDERAL, STATE, AND LOCAL REGULATIONS. TREATMENT, TRANSPORTATION AND DISPOSAL MUST BE IN COMPLIANCE WITH EPA FEDERAL, STATE, AND LOCAL REGULATIONS UNDER THE RESOURCES CONSERVATION AND RECOVERY ACT (RCRA, 40 CFR 261). TYPICALLY CONTROLLED BURNING, INCINERATION OR APPROVED LAND FILL SITES ARE AVAILABLE.

## SECTION XIV TRANSPORTATION INFORMATION

Governin g Body	Mode	UN Number	Proper Shipping Name	Hazard Class	Packin g Group
DOT	GROUN D	NON REGULATE D	NON REGULATE D	NON REGULATE D	NA
IATA	AIR	NON REGULATE D	NON REGULATE D	NON REGULATE D	NA
IMDG	OCEAN	NON REGULATE D	NON REGULATE D	NON REGULATE D	NA
<b>MARINE POLLUTANT:</b>	THIS PRODUCT DOES NOT CONTAIN A MATERIAL. ON THE MARINE POLLUTANTS TABLE (HMT 172.101 APPENDIX B)				

## SECTION XV REGULATORY INFORMATION

<b>TSCA:</b>
<b>CERCLA</b>
<b>SARA TITLE III:</b>
<b>ADDITIONAL REGULATORY CONCERNS:</b> (FEDERAL, FDA, USDA, CPSC, STATE, OTHER)
FEDERAL / FDA / USDA:
<b>MARINE POLLUTANTS:</b> NO. THIS PRODUCT DOES NOT CONTAIN A MATERIAL ON THE MARINE POLLUTANTS TABLE (HMT 172.101 Appendix B).
<b>CALIFORNIA PROP 65:</b> WARNING: This product contains chemicals known to the state of California to cause cancer or birth defects or other reproductive harm. (
<b>CERCLA / RQ</b> THIS PRODUCT DOES NOT CONTAIN A MATERIAL ON THE RQ TABLE (HMT 172.101 Appendix A):
<b>TSCA:</b> IS THIS PRODUCT, OR ALL ITS INGREDIENTS, BEING CERTIFIED FOR INCLUSION ON THE TOXIC SUBSTANCES CONTROL ACT INVENTORY OF CHEMICAL SUBSTANCES? <b>YES</b>

## SECTION XVI OTHER INFORMATION

PREPARED BY	DARRYL MANUEL / PRESIDENT
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ADDRESS:	7240 STATE RD., PHILA., PA 19135 USA
THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM SOURCES BELIEVED TO BE RELIABLE. VEXCON PROVIDES NO WARRANTIES, EXPRESSED OR IMPLIED, AND ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN.	

## HMIS HAZARD RATINGS:

THIS INFORMATION IS FOR PEOPLE TRAINED IN:  
NATIONAL PAINT AND COATINGS ASSOCIATIONS (NPCA)  
HAZARDOUS MATERIALS IDENTIFICATION SYSTEM  
(HMIS)  
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA 704)  
IDENTIFICATION OF FIRE HAZARDS OF MATERIALS

## KEY

4 -- SEVERE

<b>CERTI-VEX GRIP</b>	<b>NPCA- HMIS</b>	<b>NFPA 704</b>	3 -- SERIOUS
<b>HEALTH</b>	<b>1</b>	<b>1</b>	2 -- MODERATE
<b>FLAMMABILITY</b>	<b>1</b>	<b>1</b>	1 -- SLIGHT
<b>REACTIVITY</b>	<b>0</b>	<b>0</b>	0 -- MINIMAL