

CHOMERICS, INC. -- CHO-BOND 1075 -- 8040-01-342-1510

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Product Identification  
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Product ID:CHO-BOND 1075

MSDS Date:01/26/1993

FSC:8040

NIIN:01-342-1510

MSDS Number: CGNKZ

=== Responsible Party ===

Company Name:CHOMERICS, INC.

Address:77 DRAGON COURT

City:WOBURN

State:MA

ZIP:01888

Country:US

Info Phone Num:617-938-8630

Emergency Phone Num:617-935-4850

Preparer's Name:DAVID HAAS

CAGE:18565

=== Contractor Identification ===

Company Name:PARKER HANNIFIN CORPORATION CHOMERICS DIVISION

Address:77 DRAGON COURT

Box:City:WOBURN

State:MA

ZIP:01888

Country:US

Phone:617-935-4850

CAGE:18565

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Composition/Information on Ingredients  
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Ingred Name:SILVER-PLATED ALUMINUM (SARA 313) (CERCLA)

CAS:7440-22-4

RTECS #:VW3500000

Fraction by Wt: 60-70%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.01 MG/M3;15 MG/M3

ACGIH TLV:0.1 MG/M3;10 MG/M3

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:SILICONE  
Fraction by Wt: 20-30%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPRIETARY METHOXYSILANE  
Fraction by Wt: 3-5%  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE: IRRITATION, BLURRED VISION,  
BURNING SENSATION, TEARING. SKIN: IRRITATION. INHAL: RESPIRATORY  
IRRITA  
TION, NAUSEA, HEADACHE. INGEST: HARMFUL. METHOXYSILANE MAY  
FORM METHANOL IN THE ACID CONTENTS OF STOMACH. METHANOL:  
BLINDNESS, DEATH. TREATMENT SHOULD INCLUDE METHANOL POISONING.  
CHRONIC: ARGYRIA, BLUE-GRAY SKIN.

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First Aid Measures  
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First Aid:EYE: FLUSH WITH WATER FOR 15 MINUTES, LIFTING LIDS. SKIN:  
REMOVE CONTAM CLOTHES. FLUSH AFFECTED AREA W/WATER, THEN WASH  
W/SOAP & WATER. WASH CLOTHES BEFORE REUSE. INHAL: GET FRESH AIR.  
OXYGEN OR ARTIF ICAL RESPIRATION IF NEEDED. INGEST: DRINK PLENTY OF  
WATER. IN ALL CASES, GET MEDICAL ATTENTION.

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Fire Fighting Measures  
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Flash Point:>200F,>93C  
Lower Limits:NE  
Upper Limits:NE  
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.  
Fire Fighting Procedures:USE SCBA, POSITIVE PRESSURE & FULL PROTECTIVE  
EQUIPMENT. COOL CONTAINERS W/WATER. IF LARGE QUANTITIES, EVACUATE  
ARE, FIGHT FIRE FROM A SAFE DISTANCE.  
Unus

ual Fire/Explosion Hazard:DECOMPOSITION & COMBUSTION PRODUCTS MAY BE TOXIC. CLOSED CONTAINERS MAY RUPTURE. THE METHOXYSILANE MAY REACT W/MOISTURE TO FORM FLAMMABLE METHANOL.

===== Accidental Release Measures =====

Spill Release Procedures:ACCORDANCE W/OSHA 29 CFR 1910.120. SMALL SP: ACTIVATE EXHAUST VENT EQUIPMENT. WIPE UP/ABSORB SPILL W/VERMICULITE, WASH AREA W/SOAPY WATER. COLLECT ABSORBED MATERIAL & WATER RINSES IN CONTAINERS. LARGE SP: SHUT OFF SOURCE OF RELEASE. DIKE AREA TO\*

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL/DRY/VENT AREA. KEEP CONTAINER TIGHTLY SEALED. KEEP AWAY FROM OPEN FLAMES/IGNIT SOURCE. CONSULT PRODUCT TECH BULLETIN FOR STORAGE INFO.

Other Precautions:\*CONTAIN & PREVENT RELEASES TO WATERWAYS. COLLECT SPILLED MATERIAL FOR SALVAGE/DISPOSAL. USE ABSORBENT MATERIAL TO SOAK UP RESIDUE. WASH AREA W/SOAPY WATER. PREVENT RUNOFF TO WATERWAYS. PUT ABSORBED MATERIAL & RINSES INTO WASTE CONTAINERS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:THE TYPE OF PROTECTION SELECTED WILL DEPEND ON CONDITIONS OF USE.

Ventilation:MECHANICAL EXHAUST

Protective Gloves:REQUIRED

Eye Protection:CHEM GLASSES, CHEM SPLASH-PROOF GOGGLE\*\*

Other Protective Equipment:CHEMICAL-RESISTANT APRON & IMPERVIOUS CLOTHES. EMERGENCY EYE WASH AND SAFETY SHOWER.

Work Hygienic Practices:NORMAL WO

RK CLOTHES SHOULD BE WASHED BEFORE

REUSE. WASH HANDS & FACE AFTER HANDLING PRODUCT, EATING, SMOKING, ETC.

Supplemental Safety and Health

\*\*FACE SHILED.

===== Physical/Chemical Properties =====

Vapor Pres:NEGLIGIBLE

Spec Gravity:>1.5

Solubility in Water:INSOLUBLE

Appearance and Odor:GRAYISH-SILVER PASTE.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, ACIDS, BASES.

Stability Co

Condition to Avoid: AVOID STORAGE IN OPEN CONTAINERS, EXPOSURE TO OPEN FLAME/UNCONTROLLED HEAT/UNCONTROLLED MIXING W/CURING AGENTS.

Hazardous Decomposition Products: CARBON MONOXIDE & DIOXIDE/OXIDES OF SILICON/SILVER/ALUMINUM/ORGANIC SUBSTANCES MAY FORM DURING COMBUSTION.

Conditions to Avoid Polymerization: HOWEVER, REVIEW REACTIVITY DATA CONCERNING CONDITIONS TO AVOID AND INCOMPATIBLE SUBSTANCES.

===== Disposal Considerations =====

Waste Disposal

Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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