

MAMECO INTERNATIONAL -- VULKEM 921 #606031000,SEALING  
COMPOUND -- 8030-01-234-2187

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Product Identification  
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Product ID:VULKEM 921 #606031000,SEALING COMPOUND

MSDS Date:11/07/1985

FSC:8030

NIIN:01-234-2187

MSDS Number: BJNRX

=== Responsible Party ===

Company Name:MAMECO INTERNATIONAL

Address:4475 E 175TH STREET

City:CLEVELAND

State:OH

ZIP:44128

Country:US

Info Phone Num:216-752-4400

Emergency Phone Num:216-752-4400

Preparer's Name:RAJ

CAGE:94836

=== Contractor Identification ===

Company Name:MAMECO INTERNATIONAL

Address:4475 E 175TH ST

Box:City:CLEVELAND

State:OH

ZIP:44128-3411

Country:US

CAGE:94836

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Composition/Information on Ingredients  
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Ingred Name:AROMATIC ISOCYANATES.MANUFACTURER RECOMMENDS TLV OF 0.02  
PPM.

Fraction by Wt: <0.5%

Other REC Limits:N/K

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:AROMATIC PETROLEUM SOLVENT.MANUFACTURER RECOMMENDS TLV OF  
50 PPM.

Fraction by Wt: 5%

Other REC Limits:N/K

OSHA PEL:N/K

ACGIH TLV:N/K

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Hazards Identification  
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LD50 LC50 Mixture:N/K

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:PULMONARY SENSITIZATION CAN OCCUR IN  
SOME INDIVIDUALS LEADING TO ASTHMA TYPE SPASMS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES/SKIN:CAUSES SLIGHT

IRRITATION.INGESTION:N/K .INHALATION:PULMONARY SENSITIZATION CAN  
OCCUR IN SOME INDIVIDUALS LEADING TO ASTHMA TYPE SPASMS.

Medical Cond Aggravated by Exposure:N/K

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First Aid Measures  
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First Aid:EYES:FLUSH WITH LARGE AMOUNTS OF WATER.GET MEDICAL  
ATTENTION.SKIN:AVOID SKIN CONTACT.THOROUGHLY WASH EXPOSED AREA WITH  
SOAP & WATER.INGESTION:DO NOT INDUCE VOMITING;GET MEDICAL  
ATTENTION.INHALATION:RE MOVE TO FRESH AIR.IF NECESSARY,ADMINISTER  
OXYGEN/ARTIFICIAL RESPIRATION.CALL A PHYSICIAN.

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Fire Fighting Measures  
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Flash Point:145F,62.78C  
Lower Limits:N/K  
Upper Limits:N/K  
Extinguishing Media:WATER SPRAY,WATER FOG, DRY CHEMICAL,CO\*2,FOAM.  
Fire Fighting Procedures:WEAR GOGGLES,SELF CONTAINED BREATHING  
APPARATUS,AND FULL PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:COMBUSTIBLE.FIRE HAZ:MODERATE IF EXPOSED  
TO HEAT.EXPLO HAZ:MODERATE IF VAP EXPOSED TO HEAT OR FLAME.DECOMP  
PROD:TOXIC GASES POSS.REACTION WITH WATER (SEE SUPP)

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Accidental Release Measures  
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Spill Release Procedures:ALLOW TO HARDEN,SCRAPE UP.  
Neutralizing Agent:N/K

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Handling and Storage  
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Handling and Storage Precautions:PROTECT CONTAINERS FROM PHYSICAL  
DAMAGE.KEEP CONTAINER CLOSED WHEN NOT IN USE.FOR SAFETY,STORE AWAY  
FROM SPARKS & FLAME AND AT TEMPERATURE <180F,82C.  
Other Precautions:FOR MAXIMUM STORAGE LIFE STORE AT LESS THAN  
90F,32C.DO NOT BREATHE VAPORS.AVOID SKIN AND EYE CONTACT.DO NOT  
TAKE INTERNALLY.

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Exposure Controls/Personal Protection  
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Respiratory Protection:USE WITH ADEQUATE VENTILATION.RESPIRATORS WITH  
ORGANIC VAPOR CARTRIDGES OR SELF CONTAINED BREATHING APPARATUS MAY  
BE USED IN CONFINED AREAS.  
Ventilation:LOCAL EXHAUST OR GENERAL MECHANICAL SUFFICIENT TO PREVENT  
ACCUMULATION OF FUMES.  
Protective Gloves:RESISTANT (BUNA-N,PLASTIC OR RUBBER).  
Eye Protection:GOGGLES  
Other Protective Equipment:PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.  
Work Hygienic Practices:N/K  
Supplemental Safety and Health  
FIRE/EXPLOSION HAZARDS:PRODUCES CARBON DIOXIDE WHICH COULD CAUSE  
PRESSURE BUILD-UP IN A CONFINED CONTAINER.ROUTES OF  
ENTRY:INHALATION/SKIN/INGESTION .

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Physical/Chemical Properties  
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Melt/Freeze Pt:M.P/F.P Text:N/K  
Decomp Temp:Decomp Text:N/K  
Vapor Pres:N/K

Vapor Density:>1 (AIR=1)  
Spec Gravity:1.32 (WATER=1)  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Solubility in Water:N/K  
Appearance and Odor:LIQUID  
Percent Volatiles by Volume:10

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

Stability Indicator/Materials to Avoid:YES  
WATER,ALCOHOLS,STRONG OXIDIZING AGENTS,STRONG ACIDS,STRONG BASES.  
Stability Condition to Avoid:AVOID STORAGE TEMPERATURES  
>180F,82.2C.KEEP AWAY FROM SPARKS OR FLAME.  
Hazardous Decomposition Products:NITROGEN OXIDES,HYDROGEN  
CYANIDE,CARBON MONOXIDE,CARBON DIOXIDE.  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISP MUST BE IAW FED,STATE,& LOC  
REGS.COORDINATION W/ SUPPORTING INSTALLATION/MACOM ENVIRONMENTAL  
COORDINATION PRIOR TO DISP IS REC TO DETERM APPROPRIATE DISP METH  
.INCINERATE OR LANDFILL IN ACC ORDANCE WITH ABOVE REGULATIONS.

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