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Product Identification
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Product ID:PSI-631 SILICONE SEALANT

MSDS Date:07/31/1990

FSC:8040

NIIN:00-927-1513

Kit Part:Y

MSDS Number: BTSQX

=== Responsible Party ===

Company Name:POLYMERIC SYSTEMS, INC.

Address:WHEATLAND AND MASON STREETS

City:PHOENIXVILLE

State:PA

ZIP:19460

Country:US

Info Phone Num:215-935-1170

Emergency Phone Num:215-935-1170

Preparer's Name:EDWARD F.CLUFF

CAGE:

0KND3

=== Contractor Identification ===

Company Name:POLYMERIC SYSTEMS, INC.

Address:723 WHEATLAND STREET

Box:City:PHOENIXVILLE

State:PA

ZIP:19460

Country:US

Phone:610-935-1170

CAGE:0KND3

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Composition/Information on Ingredients
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Ingred Name:DIHYDROXYPOLYDIMETHYLSILOXANE

CAS:70131-67-8

Other REC Limits:NONE RECOMMENDED

Ingred Name:SILICA, CRYSTALLINE - QUARTZ

CAS:14808-60-7

RTECS #:VV7330000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:0.1 MG/M

3 RDUST;9394

Ingred Name:DIMETHYL SILOXANE (DOW CORNING 200)

CAS:63148-62-9

RTECS #:JT6484500

Other REC Limits:NONE RECOMMENDED

Ingred Name:SILICA, AMORPHOUS, PRECIPITATED AND GEL

CAS:112945-52-5

RTECS #:VV7310000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:6 MG/M3

ACGIH TLV:10 MG/M3; 9293

Ingred Name:METHYL OXIMINO SILANE

CAS:22984-54-9

Other REC Limits:NONE RECOMMENDED

Ingred Name:METHYLETHYLKETOXIME

CAS:29129-02-0

Fraction by Wt: 4%

Other REC Limits:NONE RECOMMENDED

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Hazards Identification =====

LD50 LC50 Mixture:TWA FOR CRYSTALLINE SILICA IS 10MG/M3

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

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

Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY

CAUSE IRRITATION.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY
CAUSE RESPIRATORY IRRITATION AND CNS DEPRESSION.

Explanation of Carcinogenicity:CRYSTALLINE SILICA IS POTENTIAL
CARCINOGEN.

Effects of Over

exposure:INHAL:NARCOTIC EFFECT.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING

RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE TO THE
DUST FROM THIS PRODUCT.

===== First Aid Measures =====

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND
WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH
AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:GET
PROMPT QUALIFIED MEDICAL ATTENTI

ON.IF CONSCIOUS,INDUCE VOMITING.

===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:250F,121C

Extinguishing Media:WATER,CARBON DIOXIDE,DRY CHEMICAL,SAND,FOAM.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

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Spill Release Procedures:LET THE PRODUCT AIR CURE ON AN ABSORBANT.COLLECT AND PLACE IN AN APPROPRIATE CONTAINER FOR DISPOSAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:AVOID MOISTURE DURING STORAGE.

Other Precautions:FOLLOW LABEL DIRECTIONS.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE

E A SELF-CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:DISPOSABLE PLASTIC

Eye Protection:SAFETY GLASSES

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health

NONE

===== Physical

I/Chemical Properties =====

HCC:N1

Vapor Pres:1

Spec Gravity:1.3

pH: 7

Evaporation Rate & Reference:>1 (N-BUTYL ACETATE=1)

Solubility in Water:SLIGHT

Appearance and Odor:PASTE;SLIGHT MEDICINAL ODOR.COLOR NOT REPORTED.

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

Stability Indicator/Materials to Avoid:YES

MOISTURE

Stability Condition to Avoid:HIGH HEAT,SOURCES OF IGNITION.

Hazardous Decomposition Products:METHYLETHYLKETOXIME.

===== Disp

osal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.MFR STATES THAT THE CURED PRODUCT CAN BE DISPOSED OF A SYNTHETIC RUBBER SCRAP.

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