

GARLOCK INC. PLASTOMER PRODUCTS -- PTFE THREAD SEAL TAPE -- 8030-00-889-3535

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Product Identification
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Product ID:PTFE THREAD SEAL TAPE

MSDS Date:07/19/1991

FSC:8030

NIIN:00-889-3535

MSDS Number: BQYHY

=== Responsible Party ===

Company Name:GARLOCK INC. PLASTOMER PRODUCTS

Address:23 FRIENDS LANE

City:NEWTOWN

State:PA

ZIP:18940

Country:US

Info Phone Num:215-968-5011

Emergency Phone Num:21

5-968-5011

CAGE:MO160

=== Contractor Identification ===

Company Name:GARLOCK INC. PLASTOMER PRODUCTS

Address:23 FRIENDS LANE

City:NEWTOWN

State:PA

ZIP:18940

Country:US

Phone:215-968-5011

CAGE:MO160

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Composition/Information on Ingredients
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Ingred Name:POLYTETRAFLUROETHYLENE

CAS:116-14-3

RTECS #:KX4025000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

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Hazards Identification
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LD50 LC50 Mixture:LD50 (PTFE RESIN): 1250

MG/KG IN RATS

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

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

Health Hazards Acute and Chronic:ACUTE; EYE/SKIN: NO HARMFUL EFFECTS ANTICIPATED FOR PRODUCT AS SOLD. SKIN ABSORPTION: UNLIKELY DUE TO PHYSICAL PROPERTIES OF PRODUCT. INGESTION: NO HARMFUL EFFECTS ANTICIPATED FOR PRODUCT AS SOLD. INHALATION: UNLIKELY DUE TO PHYSICAL PROPERTIES OF PRODUCT. TEMPORARY FLU-LIKE ILLNESS.

Explanation of Carcinogenicity:PTFE IS NOT LISTED BY IARC, NTP, OSHA, OR ACGIH AS A CARCINOGEN.

Effects of Overexposure:CHRONIC; NO SIGNIFICANT ADVERSE EFFECTS EXPECTED. REPEATED ORAL DOSES OF THE POLYMER RESIN YIELDED NO TOXIC EFFECTS EXCEPT FOR ALTERATION IN THE NUMBER OF CIRCULATING WHITE BLOOD CELLS AFTER LONG-TERM DOSING. TESTS DEMONSTRATED NO DEVELOPMENTAL TOXICITY IN ANIMALS & NO GENETIC CHANGE IN ANIMALS/BACTERIAL CELLS CULTURE.

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

First Aid:
Inhalation: MOVE TO FRESH AIR. SEE DR IF SYMPTOMS PERSIST. Skin: IF REDNESS OR ITCHING, CLEANSING SKIN W/WATER AFTER USE ADVISED. Eyes: IF MECHANICAL IRRITATION OCCURS, FLUSH W/PLENTY OF WATER. SEE DR IF SYMPTOMS PERSIST. Ingestion: SEE DR IF NEEDED. Note to Doctor: INHALING FUMES OF DECOMPOSITION INDUCE TEMP INFLUENZA LIKE SYMPTOMS WHICH ARE DESCRIBED AS "POLYMER FUME FEVER" (FEVER, COUGH, MALAISE).

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

Flash Point: DOES NOT FLASH
Extinguishing Media: WATER, FOAM, DRY CHEMICAL, OR CO2
Fire Fighting Procedures: WEAR SCBA, NEOPRENE GLOVES (HANDLING REFUSE FROM FIRE), & FULL PROTECTIVE EQUIP. PROTECT FROM HYDROGEN FLUORIDE FUMES (REACT W/WATER TO FORM HYDROFLUORIC ACID).
Unusual Fire/Explosion Hazard: PTFE BURNS IN 95% OXYGEN IF IGNIT. HZD VAPOR PRODUCED IN FIRE ARE HYDROGEN FLUORIDE, CARBONYL FLUORIDE, PERFLUOROOLEFINS, CO2, LOW MOLECULAR WEIGHT HYDROCARBONS.

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

Spill Release Procedures:SWEEP TO AVOID SLIPPING HAZARD.

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

Handling and Storage Precautions:ENFORCE NO SMOKING RULE IN AREAS WHERE PTFE IS HANDLED/STORED. WASH HANDS & FACE AFTER HANDLING TO AVOID TRANSFER OF PTFE ONTO CIGARETTES & TOBACCO.

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

Respiratory Protection:NO SPECIAL EXPOSURE CONTROLS ARE INDICATED FOR THIS PRODUCT AS SOLD.

Ventilation:NO SPECIAL EXPOSURE CONTROLS ARE INDICATED FOR THIS PRODUCT AS SOLD.

Protective Gloves:NO SPECIAL PERSONAL PROTECTION NEEDED

Eye Protection:NO SPECIAL PERSONAL PROTECTION NEEDED

Other Protective Equipment:NO SPECIAL PERSONAL PROTECTION OR EXPOSURE CONTROLS ARE INDICATED FOR THIS PRODUCT AS SOLD.

Supplemental Safety and Health

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

Melt/Freeze Pt:M.P/F.P Text:648F,342C

Dec

omp Temp:Decomp Text:>535F,>279C

Spec Gravity:GREATER THAN .5

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE SOLID TAPE; NO ODOR

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

Stability Indicator/Materials to Avoid:YES

REACTS WITH MOLTEN ALKALI METALS AND INTERHALOGEN COMPOUNDS.

Hazardous Decomposition Products:TOXIC GASEOUS MATERIALS SUCH AS HYDROGEN FLUORIDE, CARBONYL FLUORIDE & PERFLUOROOLEFINS. PARTICULATE MATTER.

===== Disposal Consid

erations =====

Waste Disposal Methods:NOT HAZARDOUS WASTE (RCRA 40 CFR 261). PREFERRED DISPOSAL OPTIONS: RECYCLING,LANDFILL. INCINERATE IF INCINERATOR CAPABLE OF SCRUBBING OUT HYDROGEN FLUORIDE & OTHER ACIDIC COMBUSTN PRODCT. TREAT,STORE, TRANSPRT,DISPOSE IN ACCORD W/FED,STATE,LOCAL REGS.

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