

TEFLON FLUOROCARBON RESIN PTFE GRANULAR (SU

MSDS Number

BLBHH

National Stock Number

8030-00N015684

Product Name

TEFLON FLUOROCARBON RESIN PTFE GRANULAR (SU

Manufacturer

DU PONT E I DE NEMOURS AND CO INC

Product Identification

Product ID:TEFLON FLUOROCARBON RESIN PTFE GRANULAR (SU

MSDS Date:10/10/1988

FSC:8030

NIIN:00N015684

MSDS Number: BLBHH

Responsible Party

DU PONT E I DE NEMOURS & CO INC

1007 MARKET STREET

WILMINGTON , DE 19898

US

Emergency Phone: 800-441-3637/800-424-9300(CHEMTREC)

Info Phone: 800-441-7515/MSDS 302-992-3511

Preparer: W H MARTIN

Cage: 18873

Contractor

E.I. DUPONT DE NEMOURS & CO

WILMINGTON, DE 19898

US

800-441-7515;800-441-9442

Cage: 18873

Ingredients

ETHYLENE,TETRAFLUORO-,POLYMER(POLYTETRAFLUOROETHYLENE)

CAS: 116-14-3

RTECS: KX4025000

Hazards

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

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

Health Hazards Acute and Chronic:ACUTE OR IMMEDIATE: INGEST/SKIN: NOT TOXIC. EYE: MECH IRRIT. INHAL: WHEN THERMALLY DECOMP BY HEATING ABOVE 325C, OR BY SMOKING TOBACCO/CIGARETTES CONTAM W/POLYMER DUST, MAY CAUSE POLYMER FUME FEVER. SYMPTOMS ARE FLU LIKE, W/CHILLS & FEVER, WHICH MAY NOT OCCUR UNTIL SEVERAL HOURS AFTER EXPOSURE (SEE EFFECTS OF OVEREXPOSURE)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HEALTH HAZARD: & PASS OFF WITHIN 36-48 HOURS, EVEN IN ABSENCE OF TREATMENT. CHRONIC EFFECTS: NONE KNOWN. DUPONT RECOMMENDS TREATING POLYMER DUST AS A NUISANCE PARTICULATE, AND HAS

ESTABLISHED AN AEL OF 10 MG/M3 TOTAL DUST, THE SAME AS THE TLV FOR OTHER NUISANCE PARTICULATES.

Medical Cond Aggravated by Exposure:NONE KNOWN TO THE MANUFACTURER.

First Aid

First Aid:INHAL: IF EXPOSED TO FUMES FROM OVERHEATING OR COMBUSTION, MOVE TO FRESH AIR. CONSULT MD IF SYMPTOMS PERSIST. EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN. CONSULT MD IF SYMPTOMS PERSIST. SKIN : IF MOLTEN POLYMER CONTACTS SKIN, COOL RAPIDLY W/COLD WATER. DO NOT ATTEMPT TO PEEL POLYMER FROM SKIN. OBTAIN MEDICAL ATTENTION FOR THERMAL BURN. INGEST: GET MD IMMEDIATELY .

Fire Fighting

Flash Point Method:OC

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

Fire Fighting Procedures:DOES NOT BURN W/O AN EXTERNAL FLAME. WEAR NIOSH/MSHA APPRVD SCBA & CLTHG TO PROTECT FROM HYDROGEN FLUORIDE FUMES WHICH REACT W/WATER TO FORM (SEE SUPP DATA)

Unusual Fire/Explosion Hazard:TOXIC FLUORINE COMPOUNDS EVOLVED IN FIRE.

HAZ COMBUSTION PROD: HYDROGEN FLUORIDE (HF), CARBONYL FLUORIDE, CARBON MONOXIDE & LOW MOLECULAR WEIGHT FLUOROCARBONS.

Accidental Release

Spill Release Procedures:SWEEP UP TO AVOID SLIPPING HAZARD.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:AVOID CONTAMINATION. KEEP CONTAINERS CLOSED.

Other Precautions:AVOID CONTAMINATION OF CIGARETTES OR TOBACCO WITH POLYMER DUST.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR WHEN TEMPERATURE EXCEEDS 325C IF CONCENTRATION BELOW THE PEL.

Ventilation:USE LOCAL EXHAUST TO COMPLETELY REMOVE VAPORS AND FUMES LIBERATED DURING HOT PROCESSING FROM THE WORK AREA.

Protective Gloves:NEOPRENE, WHEN HANDLING HOT POLYMER.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:LONG SLEEVE SHIRT IS RECOMMENDED WHEN HANDLING HOT POLYMER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

MFR'S TRADE NAME/PART NO: RESIN,TG70J. FIRE FIGHT PROC: HYDROFLUORIC ACID. WEAR NEOPRENE GLOVES WHEN HANDLING REFUSE FROM A FIRE INVOLVING TEFLON. HAZ DECOMP PROD: PERFLUOROOLEFINS. THE OSHA PEL FOR HF IS 3PPM. PARTICULATE MATTER EVOLVED FROM OVERHEATING MAY CAUSE POLYMER FUME FEVER.

Chemical Properties

HCC:N1

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

Spec Gravity:2.1-2.3

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE GRANULES, ODORLESS.

Stability

MOLTEN ALKALI METALS, INTERHALOGEN COMPOUNDS.

Stability Condition to Avoid:TEFLON WILL BURN IN AN ATMOSPHERE OF 95% OXYGEN WHEN AN IGNITION SOURCE IS PRESENT.

Hazardous Decomposition Products:ABOVE 325C TEFLON PTFE GRANULAR RESINS CAN EVOLVE TOXIC GASEOUS MATLS SUCH AS HYDROGEN FLUORIDE & (SEE SUPP DATA)

Disposal

Waste Disposal Methods:LANDFILL PREFERRED; DISPOSAL METHODS MUST CONFORM TO FEDERAL, STATE, AND LOCAL REGULATIONS. WITH

INCINERATION, ACIDIC GASEOUS PRODUCT MUST BE REMOVED BY ALKALINE SCRUBBING.

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