

NORTON CHEMPLAST DBA NORTON PERFORMANCE PLASTICS -- CHEMFLUOR TFE --
9390-01-016-3591

=====
Product Identification
=====

Product ID:CHEMFLUOR TFE

MSDS Date:02/11/1991

FSC:9390

NIIN:01-016-3591

MSDS Number: BVHGJ

=== Responsible Party ===

Company Name:NORTON CHEMPLAST DBA NORTON PERFORMANCE PLASTICS

Address:150 DEY RD

City:WAYNE

State:NJ

ZIP:07470-4670

Country:US

CAGE:18632

=== Contractor Identification ===

Company Name:NORTON PERFORMANCE PLASTICS CORP.

Address:150 DEY RD

Box:City:WAYNE

State:NJ

ZIP:07470-4670

Country:US

Phone:973-696-4700

CAGE:18632

=====
Composition/Information on Ingredients
=====

Ingred Name:POLYTETRAFLUOROETHYLENE

CAS:116-14-3

RTECS #:KX4025000

Fraction by Wt: 100% %

Other REC Limits:NONE RECOMMENDED

=====
Hazards Identification
=====

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

Routes of Entry: Inhalation

:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:NUISANCE DUST MAY BE ENCOUNTERED DURING A MACHINING OPERATION AND CAUSE MECHANICAL EYE IRRITATION. INHALATION MAY CAUSE FLU-LIKE SYMPTOMS IF THERMAL DECOMPOSITION PRODUCTS ARE INHALED. NOT TOXIC OR HARMFUL.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, CHILLS, FEVER, HEADACHE. FLU-LIKE SYMPTOMS GENERALLY SUBSIDE WITHIN 48 HOURS. Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS.

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

Flash Point:NONFLAMMABLE
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:WATER, DRY CHEMICAL, CARBON DIOXIDE, FOAM
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.
Unusual Fire/Explosion Hazard:DOES NOT BURN WITHOUT EXTERNAL SOURCE OF FUEL.

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

Spill Release Procedures:NOT APPLICABLE IN MATERIAL'S SUPPLIED FORM.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A CLEAN, DRY, DUST FREE ENVIRONMENT TO MAINTAIN MATERIAL CLEANLINESS -- PREFERABLY IN ITS ORIGINAL PACKAGING.
Other Precautions:HANDLE AS TO MINIMIZE CONTAMINATION.

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

=====

Respiratory Protection:NOT NORMALLY REQUIRED. LOCAL VENTILATION RECOMMENDED DURING HIGH-SPEED MACHINING DUE TO HEAT BUILD-UP AND POSSIBLE EVOLUTION OF DECOMPOSITION PRODUCTS NOTED ABOVE.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:RECOMMENDED WHEN HANDLING HOT MATERIAL

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygien

ic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

AVOID CONTAMINATION OF TOBACCO PRODUCTS. ABOVE 250C, PTFE CAN EVOLVE GASEOUS BYPRODUCTS. STORE AWAY FROM INCOMPATIBLE SUBSTANCES.

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

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:621F,327C

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:2.16GIVEN

Evaporation Rat

e & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE TO OFF-WHITE, WAXY CONSISTENCY, NO ODOR

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

Stability Indicator/Materials to Avoid:YES

MOLTEN ALKALI METALS, INTERHALOGEN COMPOUNDS.

Stability Condition to Avoid:TEMPERATURES ABOVE 250C

Hazardous Decomposition Products:HYDROGEN FLUORIDE, PERFLUOROOLEFINS

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

Waste Disposal Methods:PR

EVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use.

Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.