



## FIRE AND EXPLOSION DATA

Method : PMCC  
Does not ignite.

## FIRE AND EXPLOSION HAZARDS

Non-combustible

## EXTINGUISHING MEDIA

As appropriate for combustibles in area

## SPECIAL FIRE FIGHTING INSTRUCTIONS

Evacuate personnel to a safe area.  
Decomposition at flame temperatures may form toxic fluorine compounds. Avoid breathing decomposition products.

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HEALTH HAZARD INFORMATION

May cause mild skin and eye irritation. Inhalation of smoke or fumes of burning fluorocarbon or fluorocarbon-contaminated cigarettes or tobacco may cause polymer fume fever, a flu-like condition which occurs several hours after exposure and subsides within 24 hours even in the absence of treatment. Polymer fume fever does not cause permanent injury and the effects are not cumulative.

The known physiological effects of the separate ingredients of these materials indicate a very low order of toxicity at room temperature by skin contact (ALD > 17,000 mg/kg, rabbits); by ingestion (ALD > 25,000 mg/kg, rats); and by inhalation (4 hour ALC 19.54 mg/l, rats). Prolonged skin contact may cause redness and inflammation of the hair follicles without skin sensitization. Decomposition products formed at temperatures above 260 deg C (500 deg F) are irritating to lungs of animals. Pulmonary edema and death occurred in rats exposed to decomposition products formed at around 290 deg C (554 deg F). Effects in humans from overexposure by inhalation of the decomposition products may include lung irritation. Inhalation of decomposition products formed around 290 deg C (554 deg F) may require treatment of lung irritation for fluorine compounds which can cause delayed pulmonary edema.

(HEALTH HAZARD INFORMATION - CONTINUED )

Carcinogenicity

None of the components in this chemical is listed by IARC, NTP, or OSHA as a carcinogen.

Exposure Limits

TLV \* (ACGIH) : None Established  
PEL (OSHA) : None Established

\* TLV is a registered trademark.

Safety Precautions

Avoid contact with eyes. Avoid contact with skin. Wash thoroughly after handling.

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FIRST AID

FIRST AID & INSTRUCTIONS TO PHYSICIANS

INHALATION - If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen, and call a physician.

SKIN CONTACT - Flush skin with water after prolonged or repeated contact.

EYE CONTACT - In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION - If swallowed, do not induce vomiting. Immediately give two glasses of water, or activated charcoal slurry. Never give anything by mouth to an unconscious person.

INSTRUCTIONS TO PHYSICIANS

To prepare activated charcoal slurry, suspend 50 g activated charcoal in 400 ml water in plastic bottle and shake well. Administer 5 ml/kg, or 350 ml for an average adult.

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PROTECTION INFORMATION

Generally Applicable Control Measures and Procedures

Keep container tightly closed. Do not consume food, drink or tobacco in the areas where they may become contaminated with this material. Provide adequate ventilation. Keep away from heat and flames.

Personal Protective Equipment

( PROTECTION INFORMATION - CONTINUED )

Eye/Face : Goggles or glasses with side shields.

Protective Gloves : Impermeable

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DISPOSAL INFORMATION

Spill, Leak, or Release

NOTE: Review FIRE AND EXPLOSION HAZARDS and SAFETY PRECAUTIONS before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

Remove source of heat and flame. At 260-290 deg. C. forms potentially toxic fluorine compounds. Avoid breathing decomposition products. Place in container for disposal.

Waste Disposal

Treatment, storage, transportation and disposal must be in accordance with Federal, State, and Local regulations. Do not flush to surface water or sanitary sewer system. Recover nonusable solid, waxy grease and dispose of in an approved and permitted incinerator.

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SHIPPING INFORMATION

DOT

Proper Shipping Name : Not regulated.

Shipping Containers

SEE ADD'L INFO AND REFERENCES

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STORAGE CONDITIONS

Keep container tightly closed. Do not store or consume food, drink or tobacco in area where they may become contaminated with this material.

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ADDITIONAL INFORMATION AND REFERENCES

DECOMPOSITION

May depolymerize in the presence of some metal oxides at > 288 deg C (550 deg F). Decomposition occurs at increasing rates as temperature is raised above 355 deg C (670 deg F).

SHIPPING CONTAINERS

- 2, 8 oz. polyethylene tubes
- 1 lb. double wall jars (polypropylene inner; polystyrene outer)
- 5 - 15 lb. polyethylene pails

(ADDITIONAL INFORMATION AND REFERENCES - CONTINUED )

\* Reg. U.S. Pat. and Tm Off., Du Pont Company.  
KRYTOX Fluorinated Greases are made only by Du Pont.

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Person Responsible for MSDS : J. J. GRAHAM  
CHEMICALS & PIGMENTS  
DEEPWATER, NJ 08023  
800-441-9442