

DEXTER CORPORATION -- FREKOTE 1711 AEROSOL -- 8030-01-105-8625  
===== Product Identification =====

Product ID:FREKOTE 1711 AEROSOL

MSDS Date:01/31/1989

FSC:8030

NIIN:01-105-8625

MSDS Number: BHBCZ

=== Responsible Party ===

Company Name:DEXTER CORPORATION

Address:ONE DEXTER DRIVE

City:SEABROOK

State:NH

ZIP:03874

Info Phone Num:(603) 926-0910

Emergency Phone Num:(603) 926-0910

Preparer's Name:DR. SH

ELDON CLARK

CAGE:79436

=== Contractor Identification ===

Company Name:DEXTER CORP DEXTER ELECTRONIC MATERIALS

Address:15051 E DON JULIAN RD

Box:City:INDUSTRY

State:CA

ZIP:91746-1282

Country:US

Phone:626-968-6511

CAGE:79436

Company Name:DEXTER CORPORATION ADHESIVE & COATING SYSTEMS

Address:2850 WILLOW PASS ROAD

Box:312

City:BAY POINT

State:CA

ZIP:94565-3299

Country:US

Phone:202-483-7616

CAGE:33564

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

Ingred Name:ISOPARAFFINIC HYD

ROCARBONS (NAPHTHA PETROLEUM),  
HYDROTREATED HEAVY, NON AROMATIC HEAVY NAPHTHA) ISOPAR G  
CAS:64742-48-9  
Other REC Limits:300 PPM EXXON

Ingred Name:TRICHLOROFLUOROMETHANE (CFC-11) (SARA III)  
CAS:75-69-4  
RTECS #:PB6125000  
Other REC Limits:1000 PPM MSHA  
OSHA PEL:1000 PPM  
ACGIH TLV:C, 1000 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS  
Ozone Depleting Chemical:1

Ingred Name:DICHLORODIFLUOROMETHANE  
CAS:75-71-8  
RTECS #:PA8275000  
Other REC Limits:1000 PPM  
OSHA PEL:4950 MG/CUM  
ACGIH TLV:4950  
MG/CUM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS  
Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:LD 50 RATS >3725 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: MAY IRRITATE EYES, SKIN &  
MUCOUS MEMBRANE OF THE RESPIRATORY TRACT. SKIN: SENSITIZATION OF  
THE MYOCARDIUM, CENTRAL NERVOUS SYSTEM DEPRESSANT.

Explana

tion of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: LIGHT-HEADEDNESS, GIDDINESS,  
SHORTNESS OF BREATH, NARCOSIS, CARDIAC IRREGULARITIES,  
UNCONSCIOUSNESS & DEATH. SKIN: DEFATTING & POSSIBLE FROSTBITE.  
INGESTION: MAY KIDNEYS & LIVER DAMAGE.

Medical Cond Aggravated by Exposure:IMPAIRED CARDIOVASCULAR FUNCTIONS.

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

First Aid:EYES/SKIN: FLUSH W/WATER. GET MEDCIAL ATTENTION IF IRRITATION  
IS PRESENT. TREAT F

OR FROSTBITE IF NECESSARY.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:CO2, FOAM

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:DON'T INCINERATE CANS. DON'T STORE >120F.

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

Spill Release Procedures:MOP, WIPE OR SOAK UP EXCESS W/ABSORBANT MATERIAL. VENTILATE AREA. REMOVE SOURCES OF IGNITION.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS & OPEN FLAMES. USE WITH ADEQUATE VENTILATION. AVOID PROLONGED SKIN CONTACT. STORE SHOULD BE IN COMPLIANCE W/NFPA & OSHA.

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

Respiratory Protection:ORGANIC VAPOR TYPE IF NORMAL VENTILATION IS INADEQUATE.

Ventilation:LOCAL EXHAUST FOR NORMAL SOLVENT VENTILATION.

Protective Gloves:

SOLVENT RESISTANT

Eye Protection:SAFETY GLASSES

Other Protective Equipment:AS REQUIRED

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:COMP GAS

Vapor Pres:70

Vapor Density:>4

Spec Gravity:1.32-1.34

Evaporation Rate & Reference:(BU AC = 1): 3.9

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS, FLUOROCARBON ODOR.

Percent Volatiles by Volume:96%

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

=====

Stability Indicator/Materials to Avoid: YES

ALKALI OR ALKALINE EARTH METALS-POWDERED ALUMINUM, ZINC, BERYLIUM, ETC.

Stability Condition to Avoid: KEEP AWAY FROM HEAT, SPARKS & OPEN FLAMES.

Hazardous Decomposition Products: PHOSGENE, HYDROGEN CHLORIDE, HYDROGEN FLUORIDE.

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

Waste Disposal Methods: CANS UNDER PRESSURE. DON'T PUNCTURE OR INCINERATE. BURY IN APPROVED LANDFILL AFTER BEING DEPRESSURIZED.

Disclaimer (pr

vided 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.