

SPRAYON PRODUCTS, DIV OF THE SHERWIN-WILLIAMS CO -- 02002 HI-TECH TF ELECTIC
CONTACT CLLEANER -- 6850-00-245-0447

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

Product ID:02002 HI-TECH TF ELECTIC CONTACT CLLEANER

MSDS Date:02/01/1995

FSC:6850

NIIN:00-245-0447

MSDS Number: CBQGW

=== Responsible Party ===

Company Name:SPRAYON PRODUCTS, DIV OF THE SHERWIN-WILLIAMS CO

Address:31500 SOLON ROAD

City:SOLON

State:O

H

ZIP:44139

Country:US

Info Phone Num:216-292-7400

Emergency Phone Num:216-292-7400

CAGE:DO662

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:SPRAYON PRODUCTS; SHERWIN WILLIAMS

Address:26300 FARGO AVENUE

City:BEDFORD HEIGHTS

State:OH

ZIP:44146

Phone:216-292-7400

CAGE:DO662

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

==

Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA 313)
CAS:76-13-1
RTECS #:KJ4000000
Fraction by Wt: 97%
OSHA PEL:1000 PPM
ACGIH TLV:1000PPM/1250STEL9495
Ozone Depleting Chemical:1

Ingred Name:CARBON DIOXIDE
CAS:124-38-9
RTECS #:FF6400000
Fraction by Wt: 3%
OSHA PEL:5000 PPM
ACGIH TLV:5000PPM/30000STEL;95

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED
Routes of Entry: Inhalation:YES Skin:
n:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE-IRRITATION OF EYES, SKIN,
RESPIRATORY SYSTEM. MAY CAUSE CNS DEPRESSION. EXTREME OVEREXPOSURE
MAY CAUSE UNCONSCIOUSNESS & POSSIBLY DEATH. CHRONIC-METHYLENE
CHLORIDE IS A LISTED CARCINOGEN. CHRONIC OVEREXPOSURE MAY CAUSE
ADVERSE EFFECTS TO LIVER &/OR URINARY SYSTEM; ALSO PERMANENT BRAIN
DAMAGE.
Explanation of Carcinogenicity:CONTAINS METHYLENE CHLORIDE. SEE THE
INDIVIDUAL CALIFORNIA, IARC & NTP REPORTS FOR DETAILS OF
CARCINOGENICITY.
Effects of Overexposure:EXCESS EXPOSURE TO VAPOR:HEADACHE, DIZZINESS,
NAUSEA & LOSS OF COORDINATION.
Medical Cond Aggravated by Exposure:CARDIOVASCULAR PROBLEMS MAY BE
AGGRAVATED BY EXPOSURE TO METHYLENE CHLORIDE.

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

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.
EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER

R. REMOVE

CONTAMINATED CLOTHING & LAUNDRER BEFORE REUSE. INHALED:REMOVE FROM EXPOSURE. A ID OR RESTORE BREATHING AS NEEDED. INGESTED:DO NOT INDUCE VOMITING. GIVE 1-2 GLASSES OF MILK OR WATER TO DRINK. GET IMMEDIATE MEDICAL ATTENTION. NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point Method:PMCC

Flash Point:>200F,>93C

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM. IF WATER IS USED, FOG NOZZLES ARE PREFER RED.

Fire Fighting Procedures:WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SCBA. WATER MAY BE INEFFECTIVE, USE IT TO KEEP FIRE EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE (DUE TO BUILD-UP OF PRESSURE) WHEN EXPOSED TO EXTREME HEAT.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE & REMOVE W/INERT ABSORBENT.

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handling and Storage Precautions:DO NOT PUNCTURE OR INCINERATE. EXPOSURE, TEMPERATURE ABOVE 120F, HEAT FROM SUNLIGHT, RADIATORS, STOVES, HOT WATER, ETC. MAY CAUSE CONTAINER TO BURST.

Other Precautions:DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING CONTENTS CAN BE HARMFUL OR FATAL.

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

=====

Respiratory Protection:IF EXPOSURE CANNOT BE CONTROLLED BELOW LIMITS, WEAR A PROPERLY FITTED ORGANIC VAPOR/PARTICULATE RESPIRATOR APPROVED BY NIOSH/MSHA FOR LISTED INGREDIENTS.

Ventilation:LOCAL EXHAUST PREFERRABLE. USE MECHANICAL (GENERAL) VENTILATION ACCEPTABLE IF EXPOSURES REMAIN BELOW EXPOSURE LIMITS.

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS

Other Protective Equipment:MFR GAVE NO INFORMATION OF MSDS.

Work Hygienic Practices:U

SE ONLY W/ADEQUATE VENTILATION. AVOID BREATHING VAPOR & SPRAY MIST. AVOID CONTACT W/SKIN, EYES. WASH HANDS AFER USING.

Supplemental Safety and Health
NONE

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

HCC:V2
NRC/State Lic Num:NONE
Boiling Pt:=73.9C, 165.F
Vapor Density:>1
Evaporation Rate & Reference:FASTER THAN ETHER
Appearance and Odor:MFR GAVE NO INFORMATION OF MSDS.

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

Stability Indicator/
Materials to Avoid:YES
NONE KNOWN.
Stability Condition to Avoid:MFR GAVE NO INFORMATION OF MSDS.
Hazardous Decomposition Products:BY FIRE:CARBON MONOXIDE, CARBON DIOXIDE
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:WASTE MAY BE DEFINED AS HAZARDOUS UNDER OSHA. DO NOT INCINERATE. DEPRESSURIZE CONTAINER. DISPOSE OF I/A/W FEDERAL, STATE & LOCAL REGULATIONS REGARDING POLLUTION.

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.