

MATERIAL SAFETY DATA SHEET (MSDS)

Please retain for your records.

MATERIAL SAFETY DATA SHEET
CRC SILOO7S827
1D263CRC Industries, Inc.
885 Louis Drive, Warminster, PA 18974
(215) 674-4300PRODUCT NAME: HF CONTACT CLEANER (aerosol)
#-MSDS03125
PRODUCT-3125

1. INGREDIENTS

INGREDIENTS (CAS #)	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Petroleum Distillate (64742-48-9)		400 ppm	100 ppm	94-98
Carbon Dioxide (124-38-9)	5000 ppm	10000		2-5

2. PHYSICAL DATA: without propellant

Specific Gravity: 0.77
Boiling Point: 365 F initial
Freezing Point: ND
Vapor Pressure: <10 mm @ 25 C
% Volatile: 100
Evaporation Rate: <0.1 butyl acetate=1
Vapor Density: >5 (air=1)
pH: NA

Appearance and Odor: Clear liquid with negligible odor.
Solubility: Negligible in water.

3. FIRE AND EXPLOSION DATA

Flashpoint: 147 F
Method: TCC
Flammable Limits: LEL: 0.6
UEL: 7.0
Extinguishing Media: Foam, water fog, dry chemical, CO2
Unusual Hazards: Aerosol containers may explode when heated to above 120 F.

4. REACTIVITY AND STABILITY

Stability: Stable
Hazardous decomposition products: CO (thermal)
Materials to avoid: Avoid strong oxidizers.

5. PROTECTION INFORMATION

Ventilation: Use adequate ventilation to maintain vapor conc. below the TLV.
Respiratory: Use self-contained breathing apparatus above the TLV.
Gloves: solvent resistant
Eye & Face: safety glasses
Other Protective Equipment: Not normally required with aerosol product usage.

6. HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation, Skin
Signs and Symptoms of Exposure:
1. Acute Overexposure:
Inhalation - may irritate respiratory tract, causes headaches, dizziness, anesthesia, unconsciousness and may affect central nervous system.
Eyes - causes irritation.
Skin - causes defatting.
2. Chronic overexposure:
Repeated overexposures may cause dermatitis.
Medical Conditions Generally Aggravated by Exposure: NA
Chemical listed as Carcinogen or Potential Carcinogen:
National Toxicology Program: No
IARC Monographs: No
OSHA: No

Emergency and First Aid Procedures: (If symptoms persist, call a physician)

- Inhalation: Remove to fresh air. Apply artificial respiration if necessary.
- Eyes: Flush with large amounts of water for 15 minutes.
- Skin: Wash skin with soap and water.
- Ingestion: DO NOT induce vomiting. Call a doctor.

7. SPILL OR LEAK PROCEDURES:

Precautions to be taken in Handling and Storage:
Keep away from ignition sources. Store in a cool, dry area.
Steps to be taken in case Material is released or spilled:
Remove ignition sources. Pick up material with an absorbent. Keep area ventilated.

Waste Disposal:

All used and unused Product should be disposed of in conformance with local, state and federal regulations.

8. SPECIAL PRECAUTIONS AND USE DIRECTIONS

Vapors are heavier than air and will collect in low areas. Be sure ventilation is maintained properly. Aerosol cans may explode when heated above 120 F.

9. NFPA HAZARDS RATINGS

Health: 1
Flammability: 2
Reactivity: 0

10. SARA INFORMATION

This product contains NO chemicals that are subject to release reporting under Section 313 of SARA Title III.

PREPARED BY: Jon Brown
ORIGINAL DATE OR DATE OF REVISION: 10/14/93