

MATERIAL SAFETY DATA SHEET

PRODUCT NAME 5-56 (Aerosol) #5004, 5005, 5006, 5105	# MSDS005004
MANUFACTURED BY: CRC CHEMICALS	Phone (215) 674-4300
885 LOUIS DRIVE, WARMINSTER, PA. 18974	

1. INGREDIENTS	CAS #	ACGIH TLV	OSHA PEL	Other Limits	%
Petroleum Distillate	64742-47-8	NA	NA	200ppm (est.)	53
Propane	74-98-6	NA	1000		28
Isobutane	75-28-5	NA		800	
*Inhibited paraffinic oil	NA		For mist 5 mg/M ³		19
*The oil and additives are not hazardous according to OSHA standards					
NOTE					
The propane and isobutane function only as aerosol propellents					

2. PHYSICAL DATA (Without the propellant)

Specific Gravity .8167	Vapor Pressure 0.23 mm	% Volatile 82%
Boiling Point 380°F (Initial)	Evaporation Rate Slow 0.01 (Toluene = 1)	
Freezing Point NA	Vapor Density Heavier than air	
Appearance and Odor Amber liquid, pleasant odor		
Solubility Negligible in water - Dissolves in most organic solvents		

3. FIRE AND EXPLOSION DATA (Without propellant)

Flashpoint 175°F	Method COC	Flammable Limits (Propellant)	
Extinguishing Media CO ₂ , Dry Chemical or foam	LEL 1.8	UEL 9.5	
Unusual Hazards The aerosol propellant is a flammable gas, however it quickly dissapates after the application			

4. REACTIVITY AND STABILITY

Stability Stable	
Hazardous decomposition products Carbon dioxide, carbon monoxide (In a fire)	
Materials to avoid Strong oxidizing agents	

5. PROTECTION INFORMATION

Ventilation Adequate to maintain mist conc. below 5 mg/kg	
Respiratory Use NIOSH approved mask for high mist concentration	
Gloves Oil resistant	Eye & Face Safety glasses
Other Protective Equipment Not normally recommended for aerosol use	

6. HEALTH HAZARD DATA

Primary Routes of Entry Inhalation & Skin

Signs and Symptoms of Exposure

1. Acute Overexposure Eyes--May cause burning & irritation. Skin--Excessive contact may cause drying. Inhalation--Mist may cause breathing problems. Vapors may also cause headaches & nausea.
2. Chronic Overexposure Prolonged exposure to skin may cause dermititus.

Medical Conditions Generally Aggravated by Exposure NA

Chemical Listed as Carcinogen
or Potential CarcinogenNational Toxicology
ProgramYes
No IARC
MonographsYes
No

OSHA

Yes
No

Emergency and First Aid Procedures (If symptoms persist call a doctor)

1. Inhalation Remove to fresh air - apply artificial respiration if necessary
2. Eyes Flush for 15 minutes with large amounts of water
3. Skin Remove contaminated clothing. Wash exposed skin with soap.
4. Ingestion Do not induce vomiting. Call a doctor.

7. SPILL OR LEAK PROCEDURESPrecautions to be taken in
Handling and Storage Store in a cool dry area.Steps to be taken in case
Materials is released or spilled Usually not an aerosol problem. Ventilate area.

Remove sources of ignition. Use adsorbent to pick up waste material.

Waste Disposal Discarded filled cans or partially used cans are Hazardous
Waste - Observe Federal, State and Local regulations**8. SPECIAL PRECAUTIONS AND USE DIRECTIONS**

Aerosol cans may explode if their contents are heated above 130°F.

PREPARED BY: A. P. Reed

ORIGINAL DATE OR DATE OF REVISION Nov. 1985