



# Material Safety Data Sheet

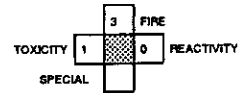
May be used to comply with  
OSHA's Hazard Communication Standard

### HMIS SYMBOL

HEALTH	1
FLAMMABILITY	3
REACTIVITY	0

SEVERE	4	EXTREME
SERIOUS	3	HIGH
MODERATE	2	MODERATE
SLIGHT	1	SLIGHT
MINIMAL	0	INSIGNIFICANT

### NFPA SYMBOL



## Product MARC 304 SAFEGUARD SILICONE CLEANER PROTECTOR

### Section I - GENERAL INFORMATION

Company	Mid-American Research Chemical Corp.	Telephone No.	(402)564-7104	Fax No.	(402)563-1290
Address	P O Box 927 Columbus NE 68602-0927	Date	11-01-93	Formula	Trade Secret

### Section II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Component	CAS Number	Exposure TLV(Units)	%(Optional)
Isopropyl alcohol	67-63-0	400 ppm	
Glycol ether	107-98-2	50 ppm	

### Section III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (Degrees F.)	Under	212	Specific Gravity (H 2 O=1)	0.98
Vapor Pressure (mm Hg)		N/D	Melting Point (Degrees F.)	N/A
Vapor Density (Air=1)		N/D	Evaporation Rate (Butyl Acetate=1)	Above 1

Solubility in Water  
Complete

Appearance and Odor  
Milky blue liquid, alcohol odor.

### Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Degrees F.) (Method Used)	70 degrees F (TCC)
Extinguishing Media	CO2, dry chemical
Special Fire Fighting Procedures	Use water spray to cool exposed containers.
Unusual Fire and Explosion Hazards	Closed containers may rupture; water is ineffective.

N/A = Not Applicable  
N/D = Not Determined

**Section V - REACTIVITY DATA**

Stability	Unstable		Conditions to Avoid
	Stable	<input checked="" type="checkbox"/>	
Incompatibility (Materials to Avoid) Strong oxidizers			
Hazardous Decomposition or Combustion By-Product Carbon oxides			
Hazardous	May Occur		Conditions to Avoid
	Polymerization	Will Not Occur	<input checked="" type="checkbox"/>

**Section VI - HEALTH HAZARD DATA**

Route(s) of Entry:	Inhalation <input type="checkbox"/>	Skin <input checked="" type="checkbox"/>	Ingestion <input checked="" type="checkbox"/>
Health Hazards (Acute and Chronic) Irritation			
Carcinogenicity: NTP <input type="checkbox"/> IARC Monograph <input type="checkbox"/> OSHA Regulated <input type="checkbox"/>			
Signs and Symptoms of Overexposure Irritation. Harmful if swallowed.			
Medical Conditions Generally Aggravated by Exposure Dermatitis			
Emergency and First Aid Procedures Eyes and skin - flush with water. Ingestion - call a physician.			

**Section VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be Taken in Case Material is Released or Spilled	Flush area with water or soak up on solid absorbent. Keep away from ignition sources.
Waste Disposal Method	In accordance with government regulations.
Precautions to be Taken in Handling and Storing	<b>DO NOT TAKE INTERNALLY.</b> Do NOT store near heat, sparks or open flame.
Other Precautions	<b>KEEP OUT OF REACH OF CHILDREN! CAREFULLY READ ENTIRE LABEL BEFORE USE!</b>

**Section VIII - CONTROL MEASURES**

Respiratory Protection (Specify type)	Use with adequate ventilation.		
Ventilation	Local Exhaust	<input checked="" type="checkbox"/>	Mechanical (General) <input type="checkbox"/>
	Other		
Protective Gloves:	Avoid excessive skin contact.	Eye Protection:	Goggles if splashing is expected.
Other Protective Clothing or Equipment			
Work/Hygienic Practices			

While the information contained herein is believed to be correct, no warranties are made with respect thereto, and all liability from reliance thereon is disclaimed.