

## Supercoco Specialty Products

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Product Name: **GUARDIAN**  
Emergency #: Chemtel 800-255-3924  
Information # 661-775-8877

Product ID No.: **1219**

## Material Safety Data Sheet

This Material Safety Data Sheet (MSDS) contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community Right To Know emergency response reporting requirements under SARA TITLE III and many other laws. If you resell this product, this MSDS must be given to the buyer or the information incorporated in your MSDS.

This MSDS complies with 29 CFR 1910.1200 (The Hazard Communication Standard)

### NANO-SILICONE POLMER EMULSION

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#### SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENTS:	% by Weight	Exposure Limits		CAS No.
		OSHA PEL	ACGIH TLV	
Aliphatic Solvent	70 – 95%	Essentially Non-Toxic		109-66-0
Dibutyltin Diacetate	0.004-0.10%	LD50 = 175 mg./Kg.		1067-33-0
a,w-dihydro poly-dimethyl siloxane	10 – 30%	Unknown		63148-62-9
Propellant	10 – 25%	800		75-28-5

THIS PRODUCT MAY CONTAIN ONE OR MORE INGREDIENTS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR 372.

#### SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 115.5°C / 240°F (Concentrate Only)	SPECIFIC GRAVITY: 0.980 (Concentrate Only)
VAPOR PRESSURE (psi): 30 – 40 psi	MELTING POINT: NA*
VAPOR DENSITY (AIR = 1): >1	EVAPORATION RATE (Ethyl Ether = 1): <1
SOLUBILITY IN WATER: Insoluble	VISCOSITY @ 25°C: < 60 cSts.
APPEARANCE AND ODOR: Clear, water-white liquid with slight hydrocarbon odor.	
V.O.C.: 85 grams/ Liter	

#### SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Highly Flammable aerosol per ASTM D-3065-77 Flame Extension Test for aerosols. This is a warehouse storage Level 3 Aerosol.

FLASH POINT: FLAMMABLE LIMITS:

Concentrate only: Approx. 7.2°C / 45°F

LEL: 1.6

Propellant only: -104.4°C / -156°F

UEL: Not Est.

EXTINGUISHING MEDIA: Carbon dioxide, Foam, or Dry Chemicals, if needed.

SPECIAL FIRE FIGHTING PROCEDURES: Keep containers cooled with a water mist to prevent bursting. Wear NIOSH approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers are under pressure. Exposure to temperatures exceeding 60°C /140°F may cause bursting of the container(s). Ruptured containers may "rocket" out of local area causing potential injury or the spread of fire.

#### SECTION V – REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Heat, sparks, open flames and exposure to direct sunlight, especially with dark colored containers.

INCOMPATIBILITY (Materials to avoid): Do not mix with alkali metals such as sodium or potassium and/or strong oxidizing agents. Ingredients are moisture sensitive that can cause curing of the material.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide and silicon dioxide.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION: YES SKIN: YES INGESTION: No

Effects of Overexposure:

EYES: Slight to more severe irritation, redness. Adhesive properties of product may “Glue” eyelids shut if sprayed into eyes.

SKIN: Low Order of toxicity to skin. Some redness may occur. Frequent or prolonged contact may irritate and cause dermatitis.

INHALATION: High vapor/Aerosol combinations (> 1,000 ppm) are irritating to the eyes and respiratory tract. Prolonged exposure to very high concentrations for extended periods may cause headaches, dizziness and drowsiness leading to unconsciousness and even a serious medical condition requiring prompt medical attention in extreme cases.

INGESTION: Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may result in inflammation and possible fluid accumulation in the lungs. Aspiration into the lungs can cause chemical pneumonitis that can be fatal.

Carcinogenicity: NTP: No IARC: No OSHA: No

### Medical Conditions Generally Aggravated by Exposure:

Health studies have shown that many petroleum hydrocarbons pose human health risks that may vary from person to person. As a precaution, exposure to chemical liquids, vapors or mists of fumes should be minimized and prevented. Always use in a well-ventilated area or use outdoors.

### Emergency and First Aid Procedures:

EYE CONTACT: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

SKIN CONTACT: Flush with large amounts of water and use soap if available to thoroughly wash contaminated area of skin. Remove all contaminated clothing, including shoes and laundry prior to re-use.

INHALATION: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest with feet elevated. Call for medical attention.

INGESTION: If swallowed, DO NOT induce vomiting. Keep at rest and obtain prompt medical attention.

## SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: First eliminate all sources of ignition. Ventilate area well. Wear NIOSH approved self-contained breathing apparatus if TLV is exceeded. Soak up material with oil absorbent material and place in a disposable container.

WASTE DISPOSAL METHOD: May be incinerated under conditions complying with Federal, State, and Local environmental control regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not puncture or incinerate cans. **DO NOT STORE above 60° C / 140°F.** Keep material away from heat, sparks or open flames.

\*NA throughout this document represents “Not Applicable.”

## SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION: A NIOSH approved air supplied respirator if TLV is exceeded.

VENTILATION: LOCAL EXHAUST: Sufficient to maintain below TLV limits.

MECHANICAL: Sufficient to maintain below TLV limits.

PROTECTIVE GLOVES: Recommended

EYE PROTECTION: Chemical Safety Goggles with Side Shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Warehouse or storage area needs to be equipped with safety stations as required by local codes that are easily accessible. Also, wear suitable clothing to protect bare skin. WORK and/or HYGIENIC PRACTICES: Always wash hands after handling chemicals and before eating or smoking. Do not smoke when working with or handling chemicals.

## SECTION IX – SUPPLEMENTARY INFORMATION

V. O. C. (Volatile Organic Compounds) CONTENT: 100 grams/liter.

SARA Title II: Rating Scale:

0 = Minimal      1 = Slight      2 = Moderate      3 = Serious      4 = Severe

HMIS Classification:

Health	Flammability	Reactivity
1	3	0

NFPA Classification:

Health: 1      Reactivity: 0      Fire: 3      Special: UN# 1950 Hazard Class: 2.1

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