

**Material Safety Data Sheet**  
 May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

**U.S. Department of Labor**  
 Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072

**IDENTITY** (As Used on Label and List)  
 ProCoat Hard Surface Cleaner

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's Name ProCoat Products, Inc.	Emergency Telephone Number Chemtrec: 1-800-424-9300
Address (Number, Street, City, State, and ZIP Code) 260 Centre Street, Suite D Holbrook, Massachusetts 02343	Telephone Number for Information (781) 767-2270
U.S.A.	Date Prepared May 26, 1999
	Signature of Preparer (optional)

**Section II – Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	Other Limits Recommended	WT. %
Nonylphenoxypolyethoxyethanol	26027-38-3	N/A	N/A		3.0
Benzyltrimethyltetradecylammonium Chloride	139-08-2	N/A	N/A		1.0

**Section III – Physical/Chemical Characteristics**

Boiling Point > 212 F > 100 C @ 1ATM	Specific Gravity (H <sub>2</sub> O = 1) 1.007 @ 25 C
Vapor Pressure (mm Hg.) N/A @ C	Melting Point N/A F
Vapor Density (AIR = 1) N/A	Evaporation Rate Approx. H <sub>2</sub> O (Butyl Acetate = 1)

**Solubility in Water**

Complete % Volatile: 95%      Wt/Gallon: 8.4 lbs.      pH (as is): 13.0

**Appearance and Odor**

Clear green liquid with mild solvent odor.

**Section IV – Fire and Explosion Hazard Data**

Flash Point (Method Used) 200 F      Test: PMCC	Flammable Limits	LEL N/A F	UEL N/A F
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**Extinguishing Media**

(flood with water, dry chemical, CO<sub>2</sub> or "alcohol" foam.)

**Special Fire Fighting Procedures**

Firefighters should be equipped with self-contained breathing apparatus and turnout gear

**Unusual Fire and Explosion Hazards**

Combustion may produce noxious and irritating gases which will require fresh air source in fire fighting.

(Reproduce locally)

OSHA 174, Sept. 1985

**Section V – Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)  
**Strong acids, strong oxidizers and excessive heat.**

Hazardous Decomposition or Byproducts  
**Carbon Monoxide, Carbon Dioxide, Ammonia, Nitrous Oxides, Hydrogen Chloride and other toxic gases.**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section VI – Health Hazard Data**

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
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Health Hazards (Acute and Chronic)  
 None known

Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
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Signs and Symptoms of Exposure  
**Eye: May cause severe eye irritation. Skin: Repeated contact may cause irritation. Inhalation: Vapors or mist may cause irritation to mucous membranes.**

Medical Conditions Generally Aggravated by Exposure  
**Ingestion: Immediate burning pain in mouth, throat, larynx and abdomen may occur. May result in gastric disturbances.**

Emergency and First Aid Procedures  
**Eye: Flush with copious amounts of water until all material is removed. If irritation develops, get medical attention. Skin: Thoroughly wash exposed area with soap and water. Remove contaminated clothing and wash thoroughly before reuse. Inhalation: Remove to fresh air. If breathing is difficult, seek medical attention. Ingestion: Give several glasses of water but do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Get medical attention.**

**Section VII – Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled  
**Soak up small spills with inert solids. Use suitable disposal container. Large Spills: Limit access to area. Remove all sources of ignition. Wear NIOSH/MSHA approved respirator (self contained breathing apparatus preferred). Dike and contain spill with inert material (sand, earth, etc.) and transfer the liquid and solids separately to containers for recover or disposal. Keep spill out of sewers and open bodies of water.**

Waste Disposal Method  
**Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.**

Precautions to be Taken in Handling and Storage  
**Handle according to good manufacturing and warehouse practices. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Store only in tightly closed, properly vented containers away from heat, sparks, open flame or strong oxidizing agents.**

Other Precautions  
**All labeled precautions must be observed when handling, storing, and transporting empty containers due to product residues. Do not reuse**

**Section VIII – Control Measures**

Respiratory Protection (Specify Type)  
**Use NIOSH approved mist respirator where spray mist occurs.**

Ventilation	Local Exhaust	Special
	Recommended	
	Mechanical (General)	Other

Protective Gloves Neoprene rubber gloves	Eye Protection Goggles or side shield spectacles.
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Other Protective Clothing or Equipment  
**A safety shower and eye bath should be made readily available.**

Work/Hygienic Practices