

# MATERIAL SAFETY DATA SHEET

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DATE PREPARED	6/1/87	LAST UPDATED	10/3/07

<b>I. GENERAL</b>			
TRADE NAME:	Chrome and Glass Polish	<b>EMERGENCY TELEPHONE NUMBER</b>	
OTHER NAMES:		1-(800) 255-3924	
CHEMICAL FAMILY:	<b>Polish emulsion</b>	DOT Hazardous Materials Proper Shipping Name	
UN/NA ID No.:		NA 1993	
GENERIC NAME:	Polish emulsion	DOT Hazard Class	Combustible

<b>II. HAZARDOUS COMPONENTS</b>				(this may not be a complete list of components)	
Component Name	CAS #	% by Wt.	Exposure Limits in Air		
			TLV (ACGIH)	ACGIH	PEL (OSHA)
Ammonium Hydroxide	7664-41-7		3 ppm		
Mineral Spirits	8030-30-6		225 ppm		
Aliphatic Petroleum Distillate	64742-47-8			5 mg/m3 TWA	
#Listed by: 1=IARC 2=EPA 3=GISO 4=CAL/OSHA			Compositions are typical values, not specifications.		

<b>III. SUMMARY OF HAZARDS</b>			
ACUTE HEALTH-	Swallowing may cause headache, dizziness, nausea and inebriation. High concentrations of vapors may cause narcosis, drowsiness and nausea.		
CHRONIC HEALTH-			
NFPA Rating:	Health: <span style="border: 1px solid black; padding: 2px;">1</span>	Fire: <span style="border: 1px solid black; padding: 2px;">0</span>	Reactivity: <span style="border: 1px solid black; padding: 2px;">0</span>
(4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Insignificant)			

<b>FIRE AND EXPLOSION</b>			
Flash Point (Method)	Autoignition Temperature	Flammable Limits (%Volume in air)	
105°F	Unknown	Lower-	Upper-
UNUSUAL FIRE AND EXPLOSION HAZARD	None known.		
EXTINGUISHING MEDIA	Foam	Water Spray	Other
	X	X	
	CO2	Dry Chemical	
	X	X	
SPECIAL FIREFIGHTING PROCEDURES	Never use welding or cutting torch on or near container, residues can ignite explosively. Keep containers cool with water spray using fog nozzles.		

<b>V. HEALTH HAZARDS</b>	
INHALATION	Inhalation of high concentrations of vapor may cause headache, dizziness, loss of appetite, weakness and loss of coordination.
EYE CONTACT	This material is not a primary eye irritant. However, minor irritation may be noted following contact. Slight membrane irritation was noted in rabbits.
SKIN ABSORPTION	This material is not expected to be toxic by skin contact; the acute dermal LD 50 for rats was greater than 19.1 g/Kg.
SKIN IRRITATION	The primary irritation score was 3.7 on a scale of 1 to 8. Prolonged or frequently repeated skin contact may cause the skin to become dry or cracked from skin defatting.
INGESTION	This material is not expected to be toxic by ingestion; the acute oral LD 50 for rats was greater than 15.3 g/Kg
SUMMARY OF CHRONIC HAZARDS AND SPECIAL HEALTH EFFECTS	

<b>VI. PROTECTIVE EQUIPMENT AND OTHER CONTROL MEASURES</b>	
VENTILATION	This product contains mineral clays. For concentrations above 100 ppm, use a NIOSH approved respirator for dust and organic vapor.
EYE	Slash proof safty goggles should be used. Contact lenses should not be worn while working with chemicals.
SKIN	Prolonged or frequently repeated skin contact can best be avoided by wearing impervious clothing and boots.
ENGINEERING CONTROLS	Use adequate ventilation to keep the vapor or mist concentrations below 100 ppm. This product contains mineral clays. Use of this product with an orbital buffer may generate dust. Provide respirator for dust above TLV.
OTHER HYGIENIC AND WORK PRACTICES	Eye bath and safety showers should be available to employees. Avoid contact with eyes skin and clothing. Avoid inhalation of product vapors. Wash thoroughly after handling and before eating, drinking or smoking.

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<b>VII EMERGENCY AND FIRST AID</b>			
INHALATION	Move exposed person to fresh air. Keep warm and at rest. If breathing stops give artificial respiration. If unconscious, give oxygen. Get medical attention as soon as possible.		
EYE CONTACT	Wash eyes with large amounts of water for 15 min., lifting upper and lower lids occasionally. If irritation persists after washing, get medical attention.		
SKIN CONTACT	Wash all contaminated skin promptly with soap or mild detergent. Remove contaminated clothing and dry before reuse. If irritation persists, get medical attention.		
INGESTION	Induce vomiting by making the victim drink a glass of tepid, salted water or sicking a finger down the throat. Cover with a blanket and administer a tablespoon of mineral oil followed by a glass of water with a tablespoon of sodium or magnesium sulfate.		
SUSPECTED CANCER AGENT	NO, This product is not found on the Federal OSHA, NTP, IARC, or Cal OSHA lists.		
AGGRAVATED CONDITIONS	Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to product.		
<b>VIII SPILL AND DISPOSAL</b>			
PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED	Aborb the spill on suitable absorbant and collect for disposal.		
WASTE DISPOSAL METHODS	Contaminated absorbant may be disposed of in accordance with local, state, and federal regulations.		
<b>X PHYSICAL AND CHEMICAL DATA</b>			
Boiling Point	206 °F	Viscosity Units, Temp. (Method)	Percent VOC
		unknown	80.00%
Freezing Point	≈28°F	Vapor Pressure (mmHg @20°C)	Evaporation rate ( Water = 1 )
		18.5 mmHg	0.40
Specific Gravity (H2O=1)	1.08	Vapor Density (Air=1 @ 100°F)	Stable
		3	X
			Unstable
Solubility in Water (g/100g water @20°C)	Dispersable	pH -concentrate	Hazardous Polymerization
		9.0	
		pH -dilute	Will not occur
		N/A	
Other Physical and Chemical Properties		Chemical Reactivity	Stable
Appearance and Odor	Pink abrasive lotion with an Ammonia scent		
Materials to Avoid	Avoid strong oxidizing agents.		
Conditions to Avoid	Do not store under freezing conditions or above 120 °F. Protect from physical damage and keep tightly closed.		
Hazardous Decomposition Products			
<b>XI ADDITIONAL PRECAUTIONS</b>			
HANDLING, STORAGE AND DECONTAMINATION PROCEDURES	Store in cool area away from open sparks or flame. Do not store under freezing conditions or over 120°F. Do not store near acids or acidic materials and oxidizers. KEEP OUT OF REACH OF CHILDREN.		
GENERAL COMMENTS			
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