

MATERIAL SAFETY DATA SHEET

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I. GENERAL			
TRADE NAME:	Color Twin Remover		EMERGENCY TELEPHONE NUMBER: 1 (800) 255-3924
OTHER NAMES:			
CHEMICAL FAMILY:	Aliphatic Hydrocarbon emulsion	DOT Hazardous Materials Proper Shipping Name:	NA 1993
GENERIC NAME:	Polish emulsion	DOT Hazard Class:	Combustible Mixture
II. HAZARDOUS COMPONENTS (this may not be a complete list of components)			
Component Name	CAS #	Exposure Limits in Air	
Aliphatic Solvent	64742-48-9	TWA	STEL PEL
Aluminum Silicate Mineral	66402-68-4	100 ppm	10 mg/m ³ for nuisance dust
#Listed by: 1=IARC 2=EPA 3=GISO 4=CAL/OSHA		Compositions are typical values, not specifications.	
III. SUMMARY OF HAZARDS			
ACUTE HEALTH-	Prolonged contact may cause irritation from defatting of tissues. Prolonged exposure to vapors can cause mild irritation. Ingestion can cause nausea, vomiting and diarrhea.		
CHRONIC HEALTH-	Chronic inhalation may increase susceptibility to respiratory illness.		
NFPA Rating:	Toxicity: 1	Fire: 2	Reactivity: 0
IV. FIRE AND EXPLOSION			
Flash Point (Method) 120°F (TCC)	Autoignition Temperature 660°F	Flammable Limits (%Volume in air) Lower- 1.30% Upper- 9.80%	
UNUSUAL FIRE AND EXPLOSION HAZARD	None known.		
EXTINGUISHING MEDIA	Foam <input checked="" type="checkbox"/>	Water Spray <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
	CO2 <input checked="" type="checkbox"/>	Dry Chemical <input checked="" type="checkbox"/>	
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.		
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V. HEALTH HAZARDS			
INHALATION	Narcotic, irritates respiratory tract, headache, nausea and drowsiness.		
EYE CONTACT	Can cause severe irritation, redness, tearing and blurred vision. noted following contact.		
SKIN ABSORPTION	Reddening and irritation.		
SKIN IRRITATION	Prolonged and repeated contact can cause moderate irritation, defatting, and dermatitis.		
INGESTION	Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.		
SUMMARY OF CHRONIC HAZARDS AND SPECIAL HEALTH EFFECTS			
VI. PROTECTIVE EQUIPMENT AND OTHER CONTROL MEASURES			
VENTILATION	This product contains mineral clays. For concentrations above 100 ppm, use a NIOSH approved respirator for dust and organic vapor.		
EYE	Splash proof safety 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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VII EMERGENCY AND FIRST AID	
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	DO NOT induce vomiting. The main hazard following ingestion is aspiration into the lungs. Send to hospital immediately.
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.

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VIII SPILL AND DISPOSAL	
PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED	Absorb the spill on suitable absorbant and collect for disposal. Wear protective gloves and goggles.
WASTE DISPOSAL METHODS	Contaminated absorbant may be disposed of in accordance with local, state, and federal regulations for products containing petroleum distillates.

X PHYSICAL AND CHEMICAL DATA			
Boiling Point	>212°F	Viscosity Units, Temp. (Method)	Percent VOC 51.00%
Freezing Point	≈32°F	Vapor Pressure (mmHg @20°C)	Evaporation rate (Butyl acetate = 1) Not applicable
Specific Gravity (H2O=1)	0.899	Vapor Density (Air=1 @ 100°F)	Stable Unstable X
Solubility in Water (g/100g water @20°C)	insoluble	pH -concentrate N/A pH -dilute N/A	Hazardous Polymerization Will not occur
Other Physical and Chemical Properties		Chemical Reactivity	Stable

Appearance and Odor	Amber two phase liquid with solvent odor
Materials to Avoid	Avoid strong oxidizing agents such as chlorine or permanganate, etc.
Conditions to Avoid	Do not store under freezing conditions or above 120 °F. Protect from physical damage and keep tightly closed.
Hazardous Decomposition Products	Burning may produce oxides or carbon and traces of hydrocarbons.

XI ADDITIONAL PRECAUTIONS	
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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