

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND DISTRIBUTOR'S INFORMATION					
NFPA Rating: Health-2; Flammability-4; Reactivity-0; Special-0			HMIS Rating: Health-2; Flammability-4; Reactivity-0; Personal Protection-B		
Manufactured For: CLEARCO PRODUCTS, INC. Address: 3430 G. PROGRESS DRIVE Address: BENSALEM, PA 19020			DOT Hazard Classification: ORM-D Identity (trade name as used on label): CLEARCO 444 ADHESIVE SPRAY		
Phone: 800 533 5823			MSDS Number: 315 Revision- 7		
Emergency Response Number: NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA			Date Prepared: 03/01/03 Prepared By: ES/KD Information Calls: (770)422-2071		
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION					
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source "
ACETONE	67-64-1	No	1000	750	d
HEXANE	110-54-3	Yes	50	50	d
ISOBUTANE / PROPANE BLEND	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point: N/A			Specific Gravity (H20=1): Concentrate Only = 0.853		
Vapor Pressure: PSIG @ 70°F (Aerosols): Max.80			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A		
Vapor Density (Air r= 1): N/A			Evaporation Rate (= 1): N/A		
Solubility In Water: Partial			Water Reactive: No		
Appearance and Odor: Straw colored liquid with ketone solvent odor.					
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA					
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) EXTREMELY FLAMMABLE		Auto Ignition Temperature N/A		Flammability Limits in Air by % in Volume: % LEL: N/A % UAL: N/A	
FLASH POINT AND METHOD USED (non-aerosols): N/A			SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus. Use water fog to cool containers to prevent rupturing & exploding containers. Provide shielding for personnel.		
EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, and water.			Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture.		
SECTION 4 - REACTIVITY HAZARD DATA					
STABILITY [X] STABLE [] UNSTABLE			HAZARDOUS POLYMERIZATION F] WILL [X 1 WILL NOT OCCUR		
Incompatibility (Mat. to avoid): Strong oxidizing agents.			Conditions to Avoid: Open flame, welding arcs, heat, sparks.		
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide.					
SECTION 5 - HEALTH HAZARD DATA					
PRIMARY ROUTES OF ENTRY: [X] INHALATION [] INGESTION [X] SKIN ABSORPTION [] EYE [] NOT HAZARDOUS					
ACUTE EFFECTS					
Inhalation: Excessive inhalation of vapors can cause nasal & respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation.					
Eye Contact: Irritation.			Skin Contact: Irritation due to detailing of skin.		
Ingestion: Possible chemical pneumonitis if aspirated into lungs.					
CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) Excessive inhalation of hexane may cause nerve damage.					
Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.					
EMERGENCY FIRST AID PROCEDURES					
Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.					
Skin Contact: Wash with soap and water. If irritated, seek medical attention.					
Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.					
Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.					
SECTION 6 - CONTROL AND PROTECTIVE MEASURES					
Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH in positive pressure mode.					
Protective Gloves: Neoprene.			Eye Protection: Safety glasses recommended.		
Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.					
Other Protective Clothing & Equipment: None					
Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.					
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE					
Steps To Be Taken If Material Is Spilled Or Released: Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations . DO NOT FLUSH TO SEWER.					
Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.					
Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130°F.					
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.					

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.
 " Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only