

MATERIAL SAFETY DATA SHEET

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.

IDENTITY <small>(As shown on label or container)</small>		Cam-Cure Flammable Vulcanizing Cement		PART NO. IF APPLICABLE 12-287,288		
SECTION I						
Manufacturer's Name Camel Tire Care Products				Emergency Phone No. (918) 687-5427		
Address (Number, Street, City, State, and Zip Code) P. O. Box 769				Signature of Preparer: (Optional)		
500 S. E. 48th St.				Manufacturer's Phone No. for information (918) 687-5427		
Muskogee, Oklahoma 74402-0769				Date MSDS was prepared 1/22/89		
SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION. All Health Hazards which comprise 1 % or greater of the composition and all carcinogens if 0.1% of the composition or greater						
Hazardous Components <small>(Specific Chemical Identity and Common Name(s), if any.)</small>		CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	% (OPTIONAL)
Rubber solvent			500 ppm	500 ppm	N/A	X
Toluene		108-88-3	200 ppm	100 ppm	N/A	X
Alkyl Amine			25 ppm	10 ppm	N/A	1%
SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS						
Boiling Point ^o 120-200 F	Specific Gravity (H ₂ O=1) >1.0		Melting Point N/A			
Vapor Pressure (mm Hg.) 152	Vapor Density (AIR=1) <1.0		Evaporation Rate (Butyl Acetate=1) 4.4			
Solubility in Water Negligible	% Volatile by Volume N/A		Other (if any) N/A			
Appearance and Odor Amber, viscous liquid; typical hydrocarbon odor.						
SECTION IV - FIRE AND EXPLOSION HAZARD DATA						
Flash Point (Method Used) <40°F (TCC)	Flammable Limits	LEL ~ 1.2	UEL ~ 7			
Extinguishing Media Water spray, dry chemical, carbon dioxide, alcohol foam.						
Special Fire Fighting Procedures Wear NIOSH-approved self-contained breathing apparatus. Avoid water accumulation.						
Unusual Fire and Explosion Hazards A vapor accumulation may flash and/or explode if ignited.						
Hazardous products formed by fire or thermal decomposition None known						
Explosive Limits (% by volume in air) N/A						
SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION						
Hazardous Materials Identification System (HMIS)			National Fire Protection Association (NFPA)			
HEALTH 1	REACTIVITY 0		FIRE 3	REACTIVITY 0		
FLAMMABILITY 4	PERSONAL PROTECTION G <small>(If TLV exceeded)</small>		HEALTH 1	SPECIAL HAZARDS None		

SECTION VI - REACTIVITY and STABILITY DATA			
STABILITY	Unstable		Conditions to avoid
	Stable	X	None
INCOMPATIBILITY (Materials to Avoid) Strong oxidizing agents, acids, alkalis.			
HAZARDOUS DECOMPOSITION or BY PRODUCTS Carbon monoxide, carbon dioxide & unidentified organic materials			
HAZARDOUS POLYMERIZATION	May Occur		Conditions to avoid
	Will not Occur	X	N/A
SECTION VII - HEALTH HAZARD DATA			
Routes of entry	Inhalation? <input checked="" type="checkbox"/>	Skin? <input checked="" type="checkbox"/>	Ingestion? <input checked="" type="checkbox"/> Eyes? <input checked="" type="checkbox"/>
Health Hazards	Acute	None known	
	Chronic	None known	
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
Not a carcinogen according to OSHA/NTP/IARC.			
Signs and Symptoms of Exposure	None		
Medical Conditions Generally Aggravated by Exposure	None		
Emergency and First Aid Procedures	Eyes: Immediately flush with plenty water for 15 min. holding eye-lids open. Skin: Remove contaminated clothing & flush with water. Inhalation: Move to fresh air. Ingestion: May cause vomiting, but do not induce. Contact physician.		
SECTION VIII - PRECAUTIONS FOR SAFE HANDLING and USE			
Steps to be Taken in Case Material is Released or Spilled	Eliminate all ignition sources. Contain spill; soak up with non-flammable absorbant material. Avoid direct discharge to sewers and surface waters.		
Waste Disposal Method	In accordance with Local, State and Federal regulations.		
Precautions to be Taken in Handling & Storage	Store in cool, well ventilated area away from sources of ignition & out of direct sunlight. Keep drums tightly closed; relieve pressure in drums weekly.		
Other Precautions	Avoid prolonged or repeated breathing of vapors.		
SECTION IX - CONTROL MEASURES			
Respiratory Protection (Specify Type)	If TLV is exceeded, wear NIOSH-approved self-contained breathing apparatus.		Protective Gloves Neoprene or polyvinyl alcohol.
Ventilation	Local Exhaust	X Adequate	Special None
	Mechanical (General)		Other None
Eye Protection	Chemical safety goggles	Other Protective Clothing or Equipment	Rubber apron/chemical shoes
Work/Hygiene Practices	Wash thoroughly after handling.		
SECTION X - TRANSPORTATION INFORMATION (optional)			
D.O.T. Proper Shipping Name	Adhesive-Flammable Liquid, N.O.S.		D.O.T. Hazard Class Flammable Liquid
If a "Consumer Commodity ORM-D", What is the qualifying Chemical?	N/A		
D.O.T. I.D. NO. (UN or NA)	N/A 1133	Hazard Label or Marking Required on Shipper Ctn.	Flammable
IATA Proper Shipping Name	Adhesive-Flammable Liquid	IATA Hazard Class	Flammable Liquid
		IMO NO.	3.1