

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 packaging)</small>		Camel Cam-Cure Non-Flammable Black Brush-Type Vulcanizing Cement		PART NO. IF APPLICABLE	12-101, 102, 103
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 (%)
1,1,1 Trichloroethane		71-55-6	350	350	N/A
Phenolic Resin, Irritant (2PPM Phenol)					2%
Non-hazardous Ingredients*					8%
*Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR 1910.1200).					
SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS					
Boiling Point	165 ° F	Specific Gravity (H ₂ O=1)	1.2	Melting Point	N/A
Vapor Pressure (mm Hg.)	100	Vapor Density (AIR=1)	N/A	Evaporation Rate (Butyl Acetate=1)	1.0
Solubility in Water	Negligible	% Volatile by Volume	90%	Other (if any)	N/A
Appearance and Odor	Black, cream viscosity; odor of rubber solvent.				
SECTION IV - FIRE AND EXPLOSION HAZARD DATA					
Flash Point (Method Used)	None	Flammable Limits	LEL 7%	UEL 15%	
Extinguishing Media	Dry chemical, carbon dioxide, water spray.				
Special Fire Fighting Procedures	Wear a NIOSH-approved pressure demand self contained breathing apparatus.				
Unusual Fire and Explosion Hazards	Vapors in a poorly ventilated area can be ignited upon contact with a spark, flame or high intensity source of heat.				
Hazardous products formed by fire or thermal decomposition	Hydrogen chloride or possibly traces of phosgene.				
Explosive Limits (% by volume in air)	None				
SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION					
Hazardous Materials Identification System (HMIS)			National Fire Protection Association (NFPA)		
HEALTH	2	REACTIVITY	0	FIRE	1
FLAMMABILITY	1	PERSONAL PROTECTION	G	HEALTH	3
(If vapor exceeds 350 PPM)			SPECIAL HAZARDS None		

SECTION VI - REACTIVITY and STABILITY DATA

STABILITY	Unstable		Conditions to avoid Heat, sparks and open flame.
	Stable	X	
INCOMPATIBILITY (Materials to Avoid) Strong oxidizing agents, alkalies.			
HAZARDOUS DECOMPOSITION or BY PRODUCTS Hydrogen chloride, carbon monoxide, carbon dioxide, traces of			
HAZARDOUS POLYMERIZATION	May Occur		Conditions to avoid phosgene and chlorine.
	Will not Occur	X	None known.

SECTION VII - HEALTH HAZARD DATA

Routes of entry	Inhalation? X Yes	Skin? X Yes	Ingestion? X Yes	Eyes? X Yes
Health Hazards	Over-exposure could lead to central nervous system depression producing such effects as headaches, nausea, dizziness & loss of consciousness.			
	Acute			
	Chronic	X		
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 and flush skin with water. Inhalation: Remove to fresh air. Ingestion: Immediately contact physician or local Poison Control Center.			

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING and USE

Steps to be Taken in Case Material is Released or Spilled	Wear personal protective equipment. Remove heat and ignition sources; ventilate area; clean up with inert absorbant.
Waste Disposal Method	May be burned in an approved incinerator or dispose of in accordance with local, State and Federal regulations.
Precautions to be Taken in Handling & Storage	Store in cool, well ventilated area away from all sources of ignition and sunlight.
Other Precautions	Note to Physician: Do not give epinephrine-type drugs.

SECTION IX - CONTROL MEASURES

Respiratory Protection (Specify Type)	If TLV is exceeded or for symptoms of over-exposure, wear NIOSH-approved respirator for organic vapors to maintain exposure levels below 350 PPM.	Protective Neoprene or gloves chemical resistant
Ventilation	Local Exhaust NA	Special None
	Mechanical (General) NA	Other None
Eye Protection	Safety glasses	Other Protective Clothing or Equipment Rubber apron/chemical safety shoes.
Work/Hygiene Practices	Avoid skin contact and breathing vapors. Wash hands prior to eating, drinking or going to restroom.	

SECTION X - TRANSPORTATION INFORMATION (optional)

D.O.T. Proper Shipping Name	1,1,1,Trichloroethane	D.O.T. Hazard Class	ORM-A
If a "Consumer Commodity ORM-D", What is the qualifying Chemical? or ORM-A 1,1,1, Trichloroethane			
D.O.T. I.D. NO. (UN or NA)	UN 2831	Hazard Label or Marking Required on Shipper Ctn	None
IATA Proper Shipping Name	1,1,1 Trichloroethane	IATA Hazard Class	ORM-A
		IMO NO.	6.1