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 (As shown on label if applicable)	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 769 500 S. E. 48th St. Muskogee, Oklahoma 74402-0769
Signature of Preparer: (Optional)	
Manufacturer's Phone No. for Information	(918) 687-5427
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 (Specific Chemical Identity and Common Name(s), if any.)	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	% (OPTIONAL)
1,1,1 Trichloroethane	71-55-6	350	350	N/A	90%
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,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 REACTIVITY 0
FLAMMABILITY 1 PERSONAL PROTECTION G (If vapor exceeds 350 PPM)	HEALTH 3 SPECIAL HAZARDS None

SECTION VI - REACTIVITY and STABILITY DATA

STABILITY	Unstable		Conditions to avoid
	Stable	X	Heat, sparks and open flame.

INCOMPATIBILITY(Materials to Avoid) Strong oxidizing agents, alkalies.

HAZARDOUS DECOMPOSITION or BY PRODUCTS Hydrogen chloride, carbon monoxide, carbon dioxide, traces of phosgene and chlorine.

HAZARDOUS POLYMERIZATION	May Occur		Conditions to avoid
	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	Acute		Over-exposure could lead to central nervous system depression producing such effects as headaches, nausea, dizziness & loss of consciousness.
	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 eyelids 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 Gloves Neoprene or chemical resistant

Ventilation: Local Exhaust NA; Mechanical (General) NA; Special None; Other None

Eye Protection Safety glasses

Other Protective Clothing or Equipment Rubber apron/chemical safety shoes.

Work/Hygienic 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, Trichlorethane

D.O.T. I.D. NO. (UN or NA) UN 2831

Hazard Label or Marking Required on Shipper Cin None

IATA Proper Shipping Name 1,1,1 Trichloroetahane

IATA Hazard Class ORM-A

IMO NO 6.1