

CAMEL TIRE CARE PRODUCTS DIV OF BRIDGE PRODUCT INC -- REPAIR KIT PNEUMATIC --
2640-00-404-0754

===== Product Identification =====

Product ID:REPAIR KIT PNEUMATIC

MSDS Date:02/13/1991

FSC:2640

NIIN:00-404-0754

Kit Part:Y

MSDS Number: BNPPJ

=== Responsible Party ===

Company Name:CAMEL TIRE CARE PRODUCTS DIV OF BRIDGE PRODUCT INC

Address:4803 HAROLD ABITZ DR

Box:769

City:MUSKOGEE

State:OK

ZIP:74402-0

769

Country:US

Info Phone Num:918-687-5427 / FAX 918-682-1635

Emergency Phone Num:918-687-5427

CAGE:97789

=== Contractor Identification ===

Company Name:BRIDGE PRODUCT INC/CAMEL TIRE CARE PRODUCTS DIV

Address:500S 45TH E

Box:769

City:MUSKOGEE

State:OK

ZIP:74403-5000

Country:US

Phone:918-687-5427

CAGE:97789

===== Composition/Information on Ingredients =====

Ingred Name:1,4-DIETHYLENE DIOXIDE (1,4-DIOXANE)

CAS:123-91-1

RTECS #:JG8225000

Other REC Limits:N/K

OSHA PEL:S, 100 PPM

ACGIH TLV:S, 25 PPM; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:1,1,1-TRICHLOROETHANE
CAS:71-55-6
RTECS #:KJ2975000
Other REC Limits:N/K
OSHA PEL:350 PPM
ACGIH TLV:350 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

Ingred Name:NONHAZARDOUS INGREDIENTS
Other REC Limits:N/K
OSHA PEL:N/K
ACGIH TLV:N/K

===== Hazards Identification =====

LD50 LC50 Mixture:N/K
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Re
ports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE OVEREXPOSURE TO HIGH
CONCENTRATIONS BY INGESTION OR INHALATION IS HIGHLY TOXIC AND
AFFECTS THE CENTRAL NERVOUS SYSTEM.CHRONIC OVEREXPOSURE COULD
RESULT IN LIVER DISEASE AND RHYTHM DISORDERS OF T HE
HEART.INGESTION OR INHALATION OF HIGH CONCENTRATIONS MAY CAUSE
NARCOSIS AND DEATH.
Explanation of Carcinogenicity:1,4-DIETHYLENE DIOXIDE:SUSP HUMAN
CARCINOGEN/KNOWN ANIMAL CARCINOGEN (
NTP,1989).INADEQ EVID FOR
CARCIN IN HUM;(SEE SUPP)
Effects of Overexposure:EYES:SEVERE IRRITATION AND BURNING
SENSATION.SKIN:POSSIBLE
IRRITATION.INGESTION:NAUSEA,VOMITING,ABDOMINAL PAIN,VISUAL
DISTURBANCES.INHALATION:HEADACHE,DIZZINESS,CONFUSION,DROWSINESS,POS
SIBLE CONVULSIONS,VISUAL DISTURBANCES.
Medical Cond Aggravated by Exposure:NONE

===== First Aid Measures =====

First Aid:EYES:IMMEDIATELY FLUSH W/ RUNNING WATER FOR AT LEAST 15

MINUTES.CALL PHYSICIAN IMMEDIATELY.SKIN:WASH SKIN W/ SOAPY WATER.REMOVE CONTAMINATED CLOTHING.INGEST:CALL PHYSICIAN OR LOCAL POISON CONTROL CENT ER IMMEDIATELY.INHAL:REMOVE FROM CONTAMINATED AREA.GET MEDICAL ATTN.IF PERSON IS NOT BREATHING,ADMINISTER ARTIFICIAL RESPIRATION.GET OXYGEN IF NEEDED.NOTE TO MD:DO NOT GIVE EPINEPHRINE TYPE DRUGS.

===== Fire Fighting Measures =====

Flash Point Method:TCC
Flash Point:NONE
Lower Limits:8%
Upper Limits:10.5%
Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL,FOAM OR WATER FOG.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA).
Unusual Fire/Explosion Hazard:NONE KNOWN.HAZ DECOMP PROD:HIGHLY TOXIC AND IRRITATING FUMES INCLUDING:HYDROGEN CHLORIDE,CARBON MONOXIDE,CARBON DIOXIDE,TRACES OF PHOSGENE AND CHLORINE.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PERSONAL PROTECTIVE EQUIPMENT.REMOVE HEAT AND IGNITION SOURCES.VENTILATE THE AREA.CLEAN UP WITH AN INERT ABSORBENT.
Neutralizing Agent:N/K

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A CLOSED CONTAINER IN A COOL,WELL-VENTILATED AREA.
Other Precautions:N/K

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVEREXPOSURE,WEAR A NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS TO MAINTAIN

EXPOSURE LEVELS BELOW 350 PPM.
Ventilation:CONSULT LOCAL SAFETY/HEALTH AUTHORITIES IF ADDITIONAL GUIDANCE IS NEEDED .
Protective Gloves:NEOPRENE OR CHEMICAL RESISTANT.
Eye Protection:CHEMICAL SAFETY GOGGLES .
Other Protective Equipment:NONE
Work Hygienic Practices:AVOID SKIN CONTACT AND BREATHING VAPORS.WASH HANDS PRIOR TO EATING,DRINKING OR GOING TO THE RESTROOM.
Supplemental Safety and Health
THIS MSDS INFO IS FOR UNIVERSAL CEMENT,A COMPONENT OF THIS REPAIR KIT (P/N 12-085,086,089; 12-913,914,917;12-919,960,961,963,965).SPEC
GRAV:1.3-1.4 (H*2O=1).EXPLO LIMITS (% BY VOL IN AIR):100.EXPLAN OF CARCIN:SUFFICIENT EVID FOR CARCIN IN ANIMALS (IARC,1987).KNOWN TO CAUSE CANCER (CAL PROP 65,1988).ENTRY RTE:EYES (MFR).

===== Physical/Chemical Properties =====

HCC:F2
Boiling Pt:B.P. Text:165F,74C
Decomp Temp:Decomp Text:N/K
Vapor Pres:100 MMHG
Vapor Density:4.6,AIR=1
Spec Gravity:SEE SUPP DATA
Evaporation Rate & Reference:90

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS,ALKALIES.
Stability Condition to Avoid:HEAT AND OPEN FLAME.
Hazardous Decomposition Products:HIGHLY TOXIC AND IRRITATING FUMES.HYDROGEN CHLORIDE,CARBON MONOXIDE,CARBON DIOXIDE,TRACES OF PHOSGENE AND CHLORINE.

===== Disposal Considerations =====

Waste Disposal Methods:DISP MUST BE IAW FED,STATE,& LOC REGS.COORDINATION W/ SUPPORTING INS

TALLATION &/OR MACOM

ENVIRONMENTAL COORDINATION PRIOR TO DISP IS RECOMMENDED TO DETERMINE APPROPRIATE DISPOSAL METHODS .MAY BE BURNED IN AN APPROVED INCINERATOR IAW ABOVE REGS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for it

s use. Any person utilizing this

document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.