

BF GOODRICH ADHESIVE SYSTEMS -- A 1503 B -- 1630-00-790-4005

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

Product ID:A 1503 B

MSDS Date:04/05/1995

FSC:1630

NIIN:00-790-4005

MSDS Number: BQFBD

=== Responsible Party ===

Company Name:BF GOODRICH ADHESIVE SYSTEMS

Address:123 WEST BARTGES ST. D/1932/1904

City:AKRON

State:OH

ZIP:44311

Country:US

Info Phone Num:216-374-2824

Emergency Phone Num:216-374-5143

Prep

Preparer's Name:CLIFFORD PEARSON

CAGE:BFGAD

=== Contractor Identification ===

Company Name:BF GOODRICH ADHESIVE SYSTEMS

Address:123 WEST BARTGES ST. D/1932/1904

City:AKRON

State:OH

ZIP:44311

Country:US

Phone:216-374-2824(CLIFF PEARSON)

CAGE:BFGAD

Company Name:SMR TECHNOLOGIES INC,ENGINEERED RUBBER PRODUCT DIV

Address:STAR ROUTE # 39

Box:200

City:FENWICK

State:WV

ZIP:26202

Country:US

Phone:304-846-2554

CAGE:8D095

Company Name:SOVEREIGN ENGINEERED ADHESIVES

Address:123 WEST BARTGES ST

Box:City:AKRON

S

tate:OH  
ZIP:44311  
Country:US  
Phone:330-374-2824  
CAGE:JO736

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

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 65.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:TETRAHYDROFURAN (SARA III)  
CAS:109-99-9  
RTECS #:LU5950000  
Fraction by Wt: 15.0%  
Other REC Limits:NONE RECOMMEN  
DED  
OSHA PEL:200 PPM/250 STEL  
ACGIH TLV:200 PPM/250STEL;9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:VOLATILE ORGANIC CONTENT 720 G/L  
RTECS #:9999999VO  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV=200PPM (PER MFG MSDS)  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:YES  
Health Hazards Acute and Chronic:EYES: IRRITANT; MAY CAUSE CORNEAL  
CLOUDING. SKIN: MAY CAUSE DEFATTING OR DERMATITIS.INHAL: N  
OSE AND  
THROAT IRRITANT; ASPHYXIANT.INGEST: THIS ITEM IS AN ASPIRATION  
HAZARD(IT CAUSES LUNG DAMGE WHEN VOMI TTED). CHRONIC EFFECTS: MAY  
INCLUDE KIDNEY AND LIVER DAMAGE AND DERMATITIS.  
Explanation of Carcinogenicity:MFR GAVE THE OSHA LISTING. HMIS COULD  
NOT FIND THE LISTING.  
Effects of Overexposure:EYES: CORNEAL CLOUDING. INHAL: HEADACHE, LOSS  
OF COORDINATION, NAUSEA, DIZZINESS, UNCONSCIOUSNESS. SKIN:  
DEFATTING OR DERMATITIS.  
Medical Cond Aggravated by Exposure:NOT REPORT

ED

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

First Aid:EYES;FLUSH WITH WATER FOR 15 MINUTES.IF SYMPTOMS PERSIST,CALL PHYSICIAN.SKIN:REMOVE CONTAMINATED CLOTHING(LAUNDER BEFORE REUSE).WASH WITH SOAP AND WATER.INHAL:REMOVE TO FRESH AIR.RESTORE BREATHING USING MOUTH-TO-MOUTH RESPIRATION(PREFERRED).ADMINISTER OXYGEN IF NEEDED.CALL PHYSICIAN.INGEST:CALL PHYSICIAN AT ONCE;DO NOT INDUCE VOMITING!!IF VOMITING OCCURS,QUICKLY MOVE HEAD BELOW HIPS.

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

Flash Point Method:TCC  
Flash Point:6F,-14C  
Lower Limits:2.0  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM AND/OR DRY CHEMICAL.  
Fire Fighting Procedures:DO NOT ENTER FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT,INCLUDING SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:FIRE/EXPLOSION HAZARD FROM VAPORS MAY BUILDING UP IN A POORLY VENTILATED AREA.VAPORS TRAVEL ALONG THE FLOOR AND CAN FLASHBACK.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.PROVIDE VENTILATION.AVOID SKIN/EYE CONTACT.WIPE UP WITH RAGS,PAPER OR OTHER ADSORBANTS.PLACE IN A SUITABLE METAL CONTAINER FOR DISPOSAL.

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

Handling and Storage Precautions:KEEP AWAY FROM CHILDREN.KEEP CONTAINERS TIGHTLY CLOSED AND AWAY FROM SOURCES OF IGNITION.GROUND AND BOND CONTAINERS DURING LIQUID TRANSFER.  
Other Precautions:USE EXPLOSION-PROOF EQUIPMENT. CONSULT YOUR SAFETY AND HEALTH SPECIALIST TO INSURE THAT YOUR HANDLING PROCEDURES COMPLY WITH APPLICABLE LAWS AND REGULATIONS.

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

Respiratory Protection:USE A NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS IF TLV IS EXCEEDED.  
Ventilation:LOCAL EXHAUST AND GENERAL(MECHANICAL) ARE APPROVED BY MFG. CONSULT EXPERT ADVISE FOR SPECIAL ENGINEERING

**CONTROLS.**

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES/FULL FACE SHIELD

Other Protective Equipment:IF WARRANTED,USE AN IMPERVIOUS APRON.

Work Hygienic Practices:AVOID BREATHING VAPORS;AVOID CONTACT WITH THE LIQUID.USE PRUDENT SANITARY AND HYGENIC PRACTICES.

Supplemental Safety and Health

KEY1:F3 THIS ITEM IS PART OF A KIT. SEE THIS NSN AND PIND B FOR INFORMATION ON THE OTHER PART OF THIS KIT. WGT PER GALLON 7.24 POUNDS.

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

HCC:F5

Boiling Pt:B.P. Text:151F,66C

Vapor Density:>AIR

Spec Gravity:0.869

Evaporation Rate & Reference:5.68 [N-BUAC=1]

Solubility in Water:NOT REPORTED

Appearance and Odor:LIQUID;CLEAR,AMBER;CHARACTERISTIC KETONE ODOR(SWEET, FRUITY-RASPBERRY)

Percent Volatiles by Volume:85

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:HIGH HEAT,SOURCES OF IGNITION.

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE,SMOKE, ALIPHATIC HYDROCARBONS,OTHER TOXIC COMPOUNDS.

Conditions to Avoid Polymerization:POLYMERIZATION IS NOT SPONTANEOUS,OR IN THE PRESENCE OF AIR/WATER,BUT HAPPENS WITH STRONG OXIDIZING AGENT.

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

Waste Disposal Methods:CONSULT CERIFIED DISPOSAL FACILITY.DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

Disclaimer (provided wi

th 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 its 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.