

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

Preparer's Name:CLIFFORD PEARSON

CAGE:BFGAD

=== Contractor Identificati

on ===

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

State:OH

ZIP:44311

Country:US

Phone:330-374-2824

CAGE:JO736

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==== 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 RECOMMENDED  
OSHA PEL:200 PPM/250 STEL  
ACGIH TLV:200 PPM/250STEL;9293  
EPA Rp  
t 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: NOSE AND  
THROAT IRRITANT; ASPHYXIAN.T.INGEST: THIS ITEM IS AN ASP  
IRATION  
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 REPORTED

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

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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 =====

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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 =====

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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 SPL

ASH 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.

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