

BF GOODRICH ADHESIVE SYSTEMS -- 4 CEMENT,2701080,74-451-20 -- 8040-01-107-6172

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

Product ID:4 CEMENT,2701080,74-451-20

MSDS Date:05/08/1989

FSC:8040

NIIN:01-107-6172

Kit Part:Y

MSDS Number: BWFPJ

=== Responsible Party ===

Company Name:BF GOODRICH ADHESIVE SYSTEMS

Address:123 WEST BARTGES ST, DEPT 1932/1904

City:AKRON

State:OH

ZIP:44311

Country:US

Info Phone Num:21

6-374-2824

Emergency Phone Num:216-374-5143

CAGE:56277

=== Contractor Identification ===

Company Name:BF GOODRICH ADHESIVE SYSTEMS

Address:500 S MAIN ST

Box:City:AKRON

State:OH

ZIP:44318

Country:US

Phone:216-374-3000

CAGE:56277

Company Name:BF GOODRICH CORP

Address:1555 CORPORATE WOODS PKY

Box:City:UNIONTOWN

State:OH

ZIP:44685

Country:US

Phone:330-374-4011/ 330-374-2882

CAGE:0AJJ0

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

Ingred Name:VM & P NAPHTHA/PETROLEUM DISTILLA

TE  
CAS:64742-89-8  
Fraction by Wt: 45%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 OIL MIST  
ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:HEXANE (N-HEXANE) (CERCLA)  
CAS:110-54-3  
RTECS #:MN9275000  
Fraction by Wt: 30%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM  
ACGIH TLV:50 PPM; 9495  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:TOLUENE (SARA 313) (CERCLA)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM; Z-2  
ACGIH TLV:S, 50 PPM; 9495  
EP  
A Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, LIVER,  
KIDNEY, CNS, LUNG. ACUTE- HARMFUL IF INHALED, SWALLOWED/ABSORBED  
THROUGH SKIN. CAUSES SEVERE EYE IRRITATION. EXCESSIVE INHALATION  
CAUSES HEADACHE, DIZZINESS. DELIBERATELY CONCENTRATING & INHALING  
MAY BE FATAL. CHRONIC- MAY CAUSE LIVER, KIDNEY, CNS, BRAIN, LUNG  
DAMAGE, DERMATITIS.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL  
TRACTS IRRITATION; HEADACHE, DIZZINESS, NAUSEA, VOMITING,  
INCOORDINATION, DRY SKIN, DERMATITIS, CONFUSION, UNCONSCIOUSNESS OR  
COMA,  
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING  
DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS, CNS  
MAY HAVE INCREASED SUSC

EPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT IN DUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:TCC

Flash P

oint:0F,-18C

Lower Limits:1.1

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, WATER FOG, FOAM, ALCOHOL FOAM. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH/USE PUMP (EXPLOSION PROOF). GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERINGSEWERS.

Neutralizing Agent:NOT RELEVANT

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

Hand

ling and Storage Precautions:STORE IN WELL VENTILATED WAREHOUSE. KEEP AWAY FROM HEAT, DIRECT SUNLIGHT, IGNITION SOURCES & INCOMPATIBLE MATERIALS. GROUND CONTAINERS WHEN POURING.

Other Precautions:DANGER! EXTREMELY FLAMMABLE. EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PUNCTURE/WELD ON/NEAR CONTAINER. USE WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPORS. AVOID EYES AND SKIN CONTACT. KEEP OUT OF REACH OF CHILDREN.

===== Exposure Controls/Personal Pro

tection =====

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION  
CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A  
NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.  
Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)  
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).  
Protective Gloves:NEOPRENE, NITRILES REQUIRED  
Eye Protection:SPLASH-PROOF GOGGLES  
Other Protective Equipment:PROTECTIVE CLOTHING, SAFETY SHOWER AND  
EYEWASH FACILITY  
Work Hygiene  
c Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES.  
Supplemental Safety and Health  
KEY1:F3. GSA PROVIDED ONLY THIS MSDS.

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

HCC:F2  
NRC/State Lic Num:NOT RELEVANT  
Boiling Pt:B.P. Text:105F - 231F  
Vapor Density:>1  
Spec Gravity:0.734  
Evaporation Rate & Reference:7.5 (N-BUTYL ACETATE=1)  
Appearance and Odor:AMBER LIQUID - SWEET ODOR  
Percent Volatiles by Volume:93.5

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HEAT, SPARKS, FLAMES, HOT SURFACES AND  
OTHER SOURCES OF IGNITION  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
SMOKE, ALIPHATICS AND OTHERS

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

Waste Disposal Methods:RECLAIM MATERIAL IF POSSIBLE OR DISPOSE IN AN  
APPROVED INCINERATOR OR CONTRACT WITH LICENSED CHEMICAL

## L WASTE

DISPOSAL SERVICE. DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

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