

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:216

-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 DISTILLAT

E
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
EPA
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 SUSCE

PTIBILITY 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 INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:TCC

Flash Po

int: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 ENTERING SEWERS.

Neutralizing Agent:NOT RELEVANT

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

Handl

ing 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 Prot

ection =====

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 Hygienic

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

WASTE

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

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