

## **584504 PLIO-NAIL CONSTRUCTION ADHESIVE**

### **MSDS Number**

BTTZV

### **National Stock Number**

8040-00F014589

### **Product Name**

584504 PLIO-NAIL CONSTRUCTION ADHESIVE

### **Manufacturer**

ASHLAND CHEMICAL INC SUB OF ASHLAND OIL

### **Product Identification**

Product ID:584504 PLIO-NAIL CONSTRUCTION ADHESIVE

MSDS Date:02/27/1991

FSC:8040

NIIN:00F014589

MSDS Number: BTTZV

### **Responsible Party**

ASHLAND CHEMICAL INC SUB OF ASHLAND OIL

COLUMBUS , OH 43216-5000

US

Emergency Phone: 800-274-5263/614-889-3333

Info Phone: 800-274-5263/614-889-3333

Cage: 5A188

### **Contractor**

RUSCOE W J CO

3858

AKRON, OH 44314

US

216-253-8148

Cage: 86839

### **Ingredients**

1), CALCIUM CARBONATE,

CAS: 471-34-1

RTECS: FF9335000

Fraction By Weight: 15-20%

OSHA PEL15 MG/CUM

ACGIH TLV: 10 MG/CUM

CLAY (KAOLIN), ALUMINUM SILICATE

CAS: 1332-58-7

RTECS: GF1670500

Fraction By Weight: 15-20%

OSHA PEL15 MG/CUM

ACGIH TLV: 10 MG/CUM TOTAL DUST

HYDROCARBON RESIN

Fraction By Weight: 5-10%

LIGHT ALIPHATIC NAPHTHA, VM & P NAPHTHA, LACOLENE

CAS: 64742-89-8

Fraction By Weight: 13-17%

OSHA PEL300 PPM

ACGIH TLV: 300 PPM

TOLUENE

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 14%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ACETONE; DIMETHYL KETONE; 2-PROPANONE

CAS: 67-64-1

RTECS: AL3150000

Fraction By Weight: 2%

OSHA PEL750 MG/CUM

ACGIH TLV: 750 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

HEXANE, N-HEXANE

CAS: 110-54-3

RTECS: MN9275000

Fraction By Weight: 25-35%

OSHA PEL1800 MG/CUM

ACGIH TLV: 176 MG/CUM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

SYNTHETIC RUBBER

Fraction By Weight: 15-20%

**Hazards**

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION. SKIN: IRRITATION/DERMATITIS. INHALATION: NASAL/RESPIRATORY IRRITATION/CNS EFFECTS/DEATH. INGESTION: GI IRRITATION. PROLONGED/REPEATED CONTACT CAN CAUSE MODERATE ASPIRATION INTO LUNGS/CAN CAUSE CHEMICAL PNEUMONITIS.CHRONIC OVEREXPOSURE: LIVER ABNORMALITIES, CNS EFFECTS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, REDNESS, TEARING, BLURRED VISION, DEFATTING, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS, VOMITING, DIARRHEA.

## First Aid

First Aid:SKIN: THOROUGHLY WASH W/SOAP & WATER. EYES: FLUSH W/LARGE AMOUNTS OF WATER. INGESTION: DON'T INDUCE VOMITING. KEEP WARM & QUIET. ASPIRATION HAZARD. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. KEEP WARM & QUIET. OBTAIN MEDICAL ATTENTION IN ALL CASES.

## Fire Fighting

Flash Point Method:TCC

Flash Point:-1F

Lower Limits:1

Upper Limits:7

Extinguishing Media:REGULAR FOAM, WATER FOG, CO2, DRY CHEMICAL.

Fire Fighting Procedures:WEAR SCBA W/FULL FACEPIECE OPERATED IN POSITIVE PRESSURE DEMAND MODE.

Unusual Fire/Explosion Hazard:VAPORS MAY TRAVEL ALONG GROUND/BE MOVED BY VENTILATION & IGNITED BY IGNITION SOURCES AT DISTANT LOCATIONS FROM MATERIAL HANDLING POINT.

## Accidental Release

Spill Release Procedures:SMALL: ELIMINATE IGNITION SOURCES/ABSORB LIQUID W/ABSORBENT MATERIAL/TRANSFER TO HOOD. LARGE: ELIMINATE IGNITION SOURCES/EVACUATE AREA/STOP AT SOURCE/DIKE TO PREVENT SPREADING/PUMP TO SALVAGE TANK. ABSORB REMAINING W/ABSORBENT & SHOVEL IN CONTAINERS.

## Handling

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES.

Other Precautions:NEVER USE WELDING/CUTTING TORCH ON/NEAR DRUM (EVEN EMPTY). PRODUCT CAN IGNITE EXPLOSIVELY. ALL 5 GAL PAILS & LARGER METAL CONTAINERS INCLUDING TANK CARS & TANK TRUCKS SHOULD BE GROUNDED & BONDED WHEN MATERIAL IS TRANSFERRED.

## Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR WHEN WORKPLACE EXPOSURE LIMITS OF PRODUCT/ANY COMPONENT IS ADVISED WHEN EXCEEDED.

Ventilation:SUFFICIENT MECHANICAL (GENERAL/LOCAL EXHAUST) TO MAINTAIN EXPOSURE

Protective Gloves:RESISTANT

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:IMPERVIOUS CLOTHING, BOOTS, SAFETY GLASSES.

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

## Chemical Properties

Boiling Pt:B.P. Text:140F

Vapor Pres:140

Vapor Density:2.9

Spec Gravity:1.13

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:TAN COLORED LIQUID

Percent Volatiles by Volume:32

## Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ALKALIES, STRONG MINERAL ACIDS.  
Stability Condition to Avoid:PILOT LIGHTS/OTHER FLAMES, SPARKS,  
HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE, OTHER IGNITION  
SOURCES.

Hazardous Decomposition Products:CO<sub>2</sub>, CO, VARIOUS HYDROCARBONS.

## **Disposal**

Waste Disposal Methods:SMALL: ALLOW VOLATILE PORTION TO EVAPORATE IN  
HOOD. DISPOSE OF REMAINING MATERIAL IAW/FEDERAL, STATE & LOCAL  
REGULATION. LARGE: DESTROY BY LIQUID INCINERATION IAW/FEDERAL,  
STATE & LOCAL REGULATIONS. PREVENT RUNOFF TO SEWERS/STREAMS/BODIES  
OF WATER.

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