

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC -- PLIOBOND 20, 584004 -- 8040-00-680-1080

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Product Identification  
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Product ID:PLIOBOND 20, 584004

MSDS Date:10/04/1994

FSC:8040

NIIN:00-680-1080

MSDS Number: BXYSW

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43228

Country:US

Info Phone Num:614-790-

3333

Emergency Phone Num:800-274-5263

CAGE:7L600

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Phone:614-790-3333 / 800-325-3751

CAGE:7L600

Company Name:RUSCOE W J CO

Address:485 KENMORE BLVD

Box:3858

City:AKRON

State:OH

ZIP:44314

Country:US

Phone:216-253-8148

CAGE:86839

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Composition/Information on Ingredients  
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Ingred Name:NITRILE RUBBER

Fraction b

y Wt: 5-10%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ALKYL PHENOLIC RESIN  
Fraction by Wt: 5-10%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:CALCIUM CARBONATE  
CAS:471-34-1  
RTECS #:FF9335000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:NITRILE RUBBER  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:METHYL ETHYL KETONE  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 79%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2  
00 PPM  
ACGIH TLV:200 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:FORMALDEHYDE  
CAS:50-00-0  
RTECS #:LP8925000  
Fraction by Wt: 0-0.1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM  
ACGIH TLV:200 PPM  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:PEL: NOT ESTABLISHED FOR PRODUCT.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health H

azards Acute and Chronic:EYES-MILD EYE IRRITATION. SKIN-SKIN IRRITATION. MAY DRY SKIN. BREATHING-BREATHING LARGE AMOUNTS MAY BE HARMFUL. IRRITATION TO NOSE, THROAT, RESPIRATORY TRACT. CENTRAL NERVOUS SYSTEM DEPRESSION. SWALLOWING-SWALLOWING LARGE AMOUNTS MAY BE HARMFUL. CENTRAL NERVOUS SYSTEM DEPRESSION.

Explanation of Carcinogenicity:CONTAINS F [50-00-0] WHICH IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Effects of Overexposure:EYE-STINGING, TEARING & REDNESS. SKIN-REDNESS, BURNING, DRYING & CRACKING. SKIN BURNS & SKIN DAMAGE. BREATHING-DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS. SWALLOWING-DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL. PRE-EXISTING LUNG DISORDERS, E.G. ASTHMA-LIKE CONDITIONS, MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL.

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

First Aid:SKIN-REMOVE CONTAMINATED CLOTHING. FLUSH AREA WITH WATER. IF SKIN DAMAGED, SEEK MEDICAL AID. EYE-FLUSH EYES WITH WATER. IF VISUAL DIFFICULTY, SEEK MEDICAL AID. SWALLOWING-DO NOT INDUCE VOMITING. ASPIRATION HAZARD. IF DROWSY/UNCONSCIOUS, PLACE ON LEFT SIDE WITH HEAD DOWN. SEEK MEDICAL AID. BREATHED-IMMEDIATELY MOVE AWAY & INTO FRESH AIR. SEEK MEDICAL AID. KEEP WARM & QUIET. IF NOT BREATHING, CPR.

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

Flash Point Method:TOC

Flash Point:23.0F,-5.0C

Lower Limits:2.0

Upper Limits:12.0

Extinguishing Media:REGULAR FOAM OR WATER OR CARBON DIOXIDE OR DRY CHEMICAL.

Fire Fighting Procedures:NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL ALONG THE GROUND OR MAY BE M

OVED BY VENTILATION & IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION SUCH AS FLAMES (INCLUDING PILOT LIGHTS) AND ELECTRICAL SPARKS. ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER MATERIAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE. ALL HAZARDS GIVEN MUST BE OBSERVED.  
Other Precautions:NONE

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

Respiratory Protection:IF WORKPLACE EXPOSURE LIMITS OF PRODUCT OR ANY COMPONENTS IS EXCEEDED, A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.  
Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL &/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).  
Protective Gloves:NATURAL RUBBER.  
Eye Protection:CHEMICAL SPLASH GOGGLES.  
Other Protective Equipment:TO PREVENT PROLONGED OR REPEATED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health  
NITRILE RUBBER/RESIN IN SOLVENT.

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

HCC:F2  
Boiling Pt:B.P. Text:176F,80C  
Vap  
or Pres:71MMHG  
Vapor Density:2.50  
Spec Gravity:0.862  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Appearance and Odor:TAN COLORED LIQUID.  
Percent Volatiles by Volume:78-82

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

Stability Indicator/Materials to Avoid:YES  
AVOID CONTACT WITH STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid:PILOT LIGHTS, FLAMES, SPARKS, HEATERS, SMOKING, ELECTRICAL MOTORS, STATIC DISCHARGE OR OTHER IGNITION SOURCES.  
Hazardous Decompo

sition Products:MAY FORM TOXIC MATERIALS, CARBON  
DIOXIDE & CARBON MONOXIDE, VARIOUS HYDROCARBONS, NITROGEN  
COMPOUNDS, PHENOLS, ETC.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE  
AND FEDERAL REGULATIONS.

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