

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC -- PLIOBOND 30 -- 8040-00-543-7170

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Product Identification  
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Product ID:PLIOBOND 30

MSDS Date:11/05/1996

FSC:8040

NIIN:00-543-7170

Status Code:A

MSDS Number: CLPWR

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Info Phone Num:614-790-333

3 / 800-325-3751

Emergency Phone Num:1-800-274-5263

Preparer's Name:ERNEST CARTER

Chemtec Ind/Phone:(800)424-9300

CAGE:7L600

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

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City:COLUMBUS

State:OH

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

CAGE:7L600

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Composition/Information on Ingredients  
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Ingred Name:NITRILE RUBBER

Minumum % Wt:14.

Maxumum % Wt:18.

Ingred Name:METHYL ETHYL KETON

E

CAS:78-93-3

RTECS #:EL6475000

Minumum % Wt:69.

Maxumum % Wt:69.

OSHA PEL:590 MG/M3;200 PPM

ACGIH TLV:590 MG/M3;200 PPM

ACGIH STEL:885 MG/M3;300 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:CALCIUM CARBONATE

CAS:471-34-1

RTECS #:FF9335000

Minumum % Wt:1.9

Maxumum % Wt:6.

Ingred Name:ALKYLPHENLIC RESIN

Minumum % Wt:8.

Maxumum % Wt:12.

Ingred Name:PHENOL

CAS:108-95-2

RTECS #:SJ3325000

Minumum % Wt:1.

Maxumum % Wt:1.

OSHA PEL:19 MG/M3;5 PPM

ACGIH TLV:19 MG/M3;5 PPM

EPA Rpt Qty:1000

LBS

DOT Rpt Qty:1000 LBS

Ingred Name:FORMALDEHYDE

CAS:50-00-0

RTECS #:LP8925000

Minumum % Wt:.1

Maxumum % Wt:.1

OSHA PEL:SEE 1910.1048

ACGIH STEL:C0.37 MG/M3;C0.3 PPM

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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

Health Hazards Acute and Chronic:EYE: SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND EYE DAMAGE. SKIN: MAY INCLUDE REDNESS, BURNING, DRYING AND CRACKING, SKIN BURNS AND SKIN DAMAGE.ALSO, ALLE

RGIC REACTION, ABSORPTION . SWALLOWING: SWALLOWING

LARGE AMOUNTS CAN BE HARMFUL. THIS MATERIAL CAN ENTER THE LUNGS DURING SWALLOWING OR VOMITING AND CAUSE LUNG INFLAMMATION AND/OR DAMAGE. INHALATION: SYMPTOMS ARE MORE TYPICALLY SEEN AT AIR CONCENTRATIONS EXCEEDING THE RECOMMENDED EXPOSURE LIMITS.

Effects of Overexposure:IRRITATION (NOSE, THROAT, RESPIRATORY TRACT), CENTRAL NERVOUS SYSTEM DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS),

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

First Aid:EYES: FLUSH EYES GENTLY WITH WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS APART. SEEK IMMEDIATE MEDICAL ATTENTION.  
SKIN: FLUSH EXPOSED AREA WITH LARGE AMOUNTS OF WATER. IF SKIN IS DAMAGED OR SYMPTOMS PERSIST, SEEK IMMEDIATE MEDICAL ATTENTION.  
SWALLOWING: DO NOT INDUCE VOMITING. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, PLACE ON LEFT SIDE WITH THE HEAD DOWN.SEEK MEDICAL ATTENTION.

INHALATION: IMMEDIATELY MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. SEEK IMMEDIATE MEDICAL ATTENTION; KEEP PERSON WARM AND QUIET. IF PERSON IS NOT BREATHING, BEGIN ARTIFICIAL RESPIRATION.

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

Flash Point Method:SCC

Flash Point:=-5.4C, 22.F

Lower Limits:2.0%

Upper Limits:12.0%

Extinguishing Media:REGULAR FOAM, WATER FOG, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:WEAR A SELF-CONTAINED BREATHING APPARATUS WITH

A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WITH APPROPRIATE TURN-OUT GEAR AND CHEMICAL RESISTANT PERSONAL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND OR MOVED BY VENTILATION AND IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM. (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST)

T RESIDUE) CAN IGNITE  
EXPLOSIVELY.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION SUCH AS  
(FLARES, FLAMES INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS). ABSORB  
LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL.  
STOP SPILL AT SOURCE. PREVENT FROM ENTERING DRAINS, SEWERS,  
STREAMS OR OTHER BODIES OF WATER. PREVENT FROM SPREADING.

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

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE  
HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT  
RESIDUES (VAPOR, LIQUID; AND /OR SOLID), ALL HAZARD PRECAUTIONS  
GIVEN IN THE DATA SHEET MUST BE OBSERVED. ALL FIVE GALLON PAILS  
AND LARGER METAL CONTAINERS INCLUDING TANK CARS AND TANK TRUCKS  
SHOULD BE

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

Respiratory Protection:A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR  
IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA  
REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS (NEGATIVE  
PRESSURE TYPE) UNDER SPECIFIED CONDITIONS.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL  
EXHAUST) VENTILATION.PRODUCT

Protective Gloves:WEAR RESISTANT GLOVES SUCH AS: NATURAL RUBBER,  
Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING AND BOOTS.  
Supplemental Safety and Health

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

Boiling Pt:=79.4C, 175.F  
Vapor Pres:70.000 MMHG @760  
Vapor Density:1.000  
Spec Gravity:.894 @AIR=1  
VOC Pounds/Gallon:894  
VOC Grams/Liter:7.44  
Evaporation Rate & Reference:SLOWER THAN ETHYL ETHER  
Appearance and Odor:LIQUID TAN COLOR  
Percent Volatiles by Volume:68.0-72.0%

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

Stability Indicator/Materials to Avoid:YES  
AVOID CONTACT WITH: STRONG OXIDIZING AGENTS.  
Hazardous De

composition Products:CARBON DIOXIDE AND CARBON MONOXIDE,  
HYDROGEN CYANIDE, NITROGEN COMPOUNDS, VARIOUS HYDROCARBONS.  
Conditions to Avoid Polymerization:WILL NOT UNDERGO HAZARDOUS  
POLYMERIZATION.

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

Waste Disposal Methods:DESTROY BY LIQUID INCINERATION IN ACCORDANCE  
WITH APPLICABLE REGULATIONS.

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