

ASHLAND CHEMICAL COMPANY -- PLIOBOND 30

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MSDS Safety Information  
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FSC: 8040  
NIIN: 01-365-0918  
MSDS Date: 05/06/1994  
MSDS Num: CDXCS  
Product ID: PLIOBOND 30  
MFN: 01  
Responsible Party  
Cage: 34897  
Name: ASHLAND CHEMICAL COMPANY  
Box: 2219  
City: COLUMBUS OH 43216-2219  
Info Phone Number: 6  
14-790-3333/800-325-3751  
Emergency Phone Number: 800-274-5236 OR 800-ASHLAND  
Proprietary Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 34897  
Name: ASHLAND CHEMICAL CO  
Box: 2219  
City: COLUMBUS OH 43216-2219  
Phone: 614-790-3333/800-274-5263

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Item Description Information  
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Item Ma  
nager: N35  
Item Name: ADHESIVE  
Unit of Issue: PT  
UI Container Qty: 1

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data  
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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Ca

rcinogenicity Inds - NTP: YES

IARC: YES

OSHA: YES

Effects of Exposure: ACUTE:EYES:CAUSES SEV IRRIT; STINGING, TEARING, REDNESS, SWELL & DMG. SKIN:CAUSES IRRIT; REDNESS, BURNING, DRYING, CRACKING, BURNS & DMG. MAY CAUSE SENSIT. CAN BE ABSORBED IN TOX AMTS. INHAL:TOX IS LO W. BRTHG LG AMTS MAY BE HARMFUL; IRRIT (NOSE, THROAT, RESP TRACT), CNS DEPRESS (DIZZ, DROW, WEAK, FATG,(EFTS OF OVEREXP)

Explanation Of Carcinogenicity: SEE "LR" VERSION FOR ADDITIONAL INFORMATION (FP N).

Sign

s And Symptions Of Overexposure: HLTH HAZ:NAUS, HDCH, UNCON). INGEST:TOX IS LOW. LG AMTS MAY BE HARMFUL; CNS DEPRESS (AS IN ACUTE INHAL). MATL CAN ENTER LUNGS DURING SWALLOWING/VOMIT & CAUSE LUNG INFLAMM &/OR DMG. CHRONIC:ANIMAL:ING 5:INCRS ONSET OF PERIPHERAL NEUROPATHY CAUSED BY EXPOS TO METHL BUTYL KETONE, N-HEXANE &/OR ETHYL BUTYL KETONE.

Medical Cond Aggravated By Exposure: PRE-EXISTING SKIN DISORDERS, LUNG DISORDERS (E.G., ASTHMA-LIKE CNDTNS), LIVER, KIDNEY & EY E DISORDERS MAY

BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL.

First Aid: SKIN:REMOVE CONTAM CLTHG. FLUSH EXPOS AREA W/LG AMTS OF WATER. IF DMGD, SEEK IMMED MED ATTN. IF NOT DMGD & SYMPS PERSIST, SEEK MED ATTN. LAUNDRER CLTHG BEFORE REUSE. EYES:IMMED MOVE INDIVIDUAL AWAY FRO M EXPOS & INTO FRESH AIR. FLUSH W/WATERFOR AT LST 15 MINS WHILE HOLDING EYELIDS APART; SEEK IMMED MED ATTN. INGEST:DO NOT INDUCE VOMIT. MATL IS ASPIR HAZ. IF INDIVIDUAL IS DROWSY/UNCONSCIOUS,

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Handling and Disposal

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Spill Release Procedures: SM SPILL:ELIM ALL SOURCES OF IGNIT SUCH AS FLARES, FLAMES (INCL PILOT LIGHTS) & ELEC SPKS. ABSORB LIQ ON VERMICULITE, FLOOR ABSORB/OTHER ABSORB MATL. LG SPILL:PERS NOT WEARING PROT EQUIP SHOULD BE EXC LUDED FROM AREA OF SPILL UNTIL CLEAN-UP

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: SMALL SPILL:DISPOSE OF I/A/W

ALL LOCAL, STATE &

FEDERAL REGULATIONS. LARGE SPILL:DESTROY BY LIQUID INCINERATION I/A/W APPLICABLE REGULATIONS.

Handling And Storage Precautions: NONE SPECIFIED BY MANUFACTURER.

Other Precautions: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID &/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THIS MSDS MUST BE OBSERVED.

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Fire and Explosion Hazard Informat

ion

Flash Point Method: SCC

Flash Point Text: 22.0F,-5.6C

Lower Limits: 2%

Upper Limits: 12%

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

Fire Fighting Procedures: USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard: VAPS ARE HVR/AIR & MAY TRAVEL ALONG GROUND/MAY BE MOVED BY VENT & IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPKS, HEATERS, SMOKING, ELEC MOTORS, STATIC (SUPP DATA)

#### Control Measures

Respiratory Protection: IF WORKPLACE EXPOS LIM(S) OF PROD/ANY COMPONENT IS EXCEEDED, A NIOSH APPRVD AIR SUPPLIED RESP IS ADVISED IN ABSENCE OF PROPER ENVIRON CONTROL. OSHA REGS ALSO PERMIT OTHER NIOSH APPRVD RESPS (NEG PRESS TYPE) UNDER SPECIFIED CNDTNS (SUPDAT)

Ventilation: PROVIDE SUFFICIENT MECHANICAL (GENERAL &/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: RESISTANT GLOVES SUCH AS NATURAL RUBBER.

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGS &(SUPDAT)

Other Protective Equipment: ANSI APPRVD EYE WASH FOUNTAIN & DELUGE SHOWER (FP N). TO PVNT RPTD/PRLNG SKIN CONT, WEAR IMPERVIOUS CLOTHING & BOOTS.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health: NOTE:USERS OF "L" VERSION SHOULD CONSULT "LR" VERSION FOR ADDNL INFO(FP N). RESP PROT:(SEE YOUR INDUS HYGIENIST).

ENGINEERING/ADMIN CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOS. EYE PROT:FULL LGTH F CSHLD (FP N). EXPLO HAZ:DISCHARGE/OTHERIGNIT SOURCES AT LOCATIONS DIST FROM MATL HNDLG POINT. NEVER USE WELDING

#### Physical/Chemical Properties

HCC: F2

B.P. Text: 175F,79C

Vapor Pres: 70 @ 20C

Vapor Density: HVR/AIR

Evaporation Rate & Reference: SLOWER THAN ETHER

Appearance

and Odor: TAN COLORED LIQUID.

Percent Volatiles by Volume: 68-72

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: AVOID CONTACT W/STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: MAY FORM TOX MATLS: CARBON DIOXIDE & CARBON MONOXIDE, VARIOUS HYDROCARBONS, NITROGEN COMPOUNDS, HYDROGEN CYANIDE, ETC.

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Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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Transportation Information  
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Responsible Party Cage: 34897

Trans ID NO: 129590

Product ID: PLIOBOND 30

MSDS Prepared Date

: 05/06/1994

Review Date: 07/23/1997

MFN: 1

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: PT

Container QTY: 1

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Detail DOT Information  
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DOT PSN Code: AFR

DOT Proper Shipping Name: ADHESIVES,

DOT PSN Modifier: CONTAINING A FLAMMABLE LIQUID

Hazard Class: 3

UN ID Num: UN1133

DOT Packaging Group: II

Label: FLAMMABLE LIQUID

Special Provision: B52,T,T30

Packaging Exception: 150

Non Bulk

Pack: 173  
Bulk Pack: 242  
Max Qty Pass: 5 L  
Max Qty Cargo: 60 L  
Vessel Stow Req: B

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Detail IMO Information  
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IMO PSN Code: AIH  
IMO Proper Shipping Name: ADHESIVES,  
IMO PSN Modifier: CONTAINING A FLAMMABLE LIQUID o  
IMDG Page Number: 3174  
UN Number: 1133  
UN Hazard Class: 3.2  
IMO Packaging Group: I/II\*  
Subsidiary Risk Label: -  
EMS Number: 3-05  
MED First Aid Guide NUM: 330  
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Detail IATA Information  
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IATA PSN Code: AKY  
IATA UN ID Num: 1133  
IATA Proper Shipping Name: ADHESIVES  
IATA PSN Modifier: ,CONTAINING FLAMMABLE LIQUID  
IATA UN Class: 3  
IATA Label: FLAMMABLE LIQUID  
UN Packing Group: II  
Packing Note Passenger: 305  
Max Quant Pass: 5L  
Max Quant Cargo: 60L  
Packaging Note Cargo: 307  
Exceptions: A7  
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Detail AFI Information  
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AFI PSN Code: AKY  
AFI Proper Shipping Name: ADHESIVES  
AFI PSN Modifier: ,CONTAINING FLAMMABLE LIQUID  
AFI Hazard Class: 3  
AFI UN ID NUM: UN1133  
AFI Packing Group: II  
Special Provisions: P5  
Back Pack Reference: A7.3  
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=====  
HAZCOM Label  
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Product ID: PLIOBOND 30  
Cage: 34897  
Company Name: ASHLAND CHEMICAL CO  
PO Box: 2219  
City: COLUMBUS OH  
Zipc

ode: 43216-2219  
Health Emergency Phone: 800-274-5263  
Label Required IND: Y  
Date Of Label Review: 06/25/1997  
Status Code: C  
Label Date: 06/25/1997  
Origination Code: G  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES

Health Hazard: Severe  
Contact Hazard: Severe  
Fire Hazard: Severe  
Reactivity Hazard: None

Hazard And Precautions: FLAMMABLE. ACUTE:EYE:SEVERE IRRITATION; STINGING, TEARING, REDNESS, SWELLING AND DAMAGE. SKIN:IR RITATION; REDNESS, BURNING, DRYING, CRACKING, BURNS AND DAMAGE. SENSITIZATION. INHALATION:HARMFUL; IRRITATION, CENTRAL NERVOUS SYSTEM DEPRESSION. INGESTION:CENTRAL NERVOUS SYSTEM DEPRESSION, ASPIRATION HAZARD - LUNG INFLAMMATION OR DAMAGE. CHRONIC:CANCER HAZARD. CONTAINS MATERIAL WHICH IS LISTED AS AN A NIMAL LUNG CARCINOGEN (FP N). FETAL HARM. LIVER OR KIDNEY EFFECTS.

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