

ASHLAND CHEMICAL CO -- PLIOBOND 20 -- 5985-00-247-6281

===== Product Identification =====

Product ID:PLIOBOND 20  
MSDS Date:06/08/1990  
FSC:5985  
NIIN:00-247-6281  
MSDS Number: BJXJT  
=== Responsible Party ===  
Company Name:ASHLAND CHEMICAL CO  
Box:2219  
City:COLUMBUS  
State:OH  
ZIP:43216  
Country:US  
Info Phone Num:614-790-3333  
Emergency Phone Num:606-324-1133/ 800-274-5263  
CAGE:5A188  
=== Contractor Identification ===  
Company Name:ASHLAND CHEMICAL CO  
Address:5200 PAUL BLAZEL MEMORIAL PARKWAY  
Box:City:DUBLIN  
State:OH  
ZIP:43017  
Country:US  
Phone:614-889-4505  
CAGE:5A188  
Company Name:BAKER AND WILLIAMSON  
Address:10 CANAL ST  
Box:City:BRISTOL  
State:PA  
ZIP:19007-3939  
Country:US  
Phone:215-788-5581  
CAGE:05690

===== Composition/Information on Ingredients =====

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 78%  
Other REC Limits:N

ONE SPECIFIED  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:CALCIUM CARBONATE  
CAS:471-34-1  
RTECS #:FF9335000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED

Ingred Name:SYNTHETIC RUBBER  
Fraction by Wt: 10-15%  
Other REC Limits:NONE SPECIFIED

Ingred Name:ALKYLPHENOLIC RESIN  
Fraction by Wt: 5-10%  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:Y  
ES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE:IRRITATION. SKIN:MILDLY  
IRRITATING. PROLONGED CONTACT MAY CAUSE DERMATITIS AND TISSUE  
DEFATTING. INHALATION:RESPIRATORY SYSTEM IRRITATION AND LIGHT  
HEADEDNESS. MAY CAUSE NAUSEA, HEADACHE, DROWSINE SS, VOMITING.  
INGESTION:SOLVENT ASPIRATION INTO LUNGS AS A RESULT OF VOMITING MAY  
CAUSE LUNG AND DIGESTIVE SYSTEM DAMAGE  
Explanation of Carcinogenicity:NONE OF THE C  
OMPOUNDS IN THIS PRODUCT IS  
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:VAPORS IN HIGH CONCENTRATION ARE ANESTHETIC.  
OVEREXPOSURE MAY RESULT IN FATIGUE, WEAKNESS, CONFUSION EUPHORIA,  
DIZZINESS, HEADACHE, DILATED PUPILS, LACRIMATION, NERVOUSNESS,  
MUSCLE FATIGUE, INSOMNIA, PARESTHESIA, DERMATITIS, AND  
PHOTOPHOBIA. CAN CAUSE TEARING, REDNESS OF EYES AND BLURRED VISION.  
IRRITATION OF SKIN.  
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY O

## F AILMENTS

OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, RESPIRATORY TRACT OR NERVOUS SYSTEM MAY BE AT INCREASED RISK FROM EXPOSURE. DRYING/CRACKING OF SKIN.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELID. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE.

INHALATION: REMOV E TO FRESH AIR. GIVE MOUT

#### H-TO-MOUTH RESUSCITATION

IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:TOC

Flash Point:23.0F,-5.0C

Lower Limits:2

Upper Limits:11.5

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

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED

SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. VAPORS ARE HEAVIER THAN AIR.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE AND REMOVE WITH INERT ABSORBENT. USE NON-SPARKING TOOLS. DIKE LARGER SPILLS AND PUMP LIQUID INTO SA  
LVAGE TANK. PREVENT RUNOFF TO SEWERS.

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

Handling and Storage Precautions:CONTENTS ARE FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME. DURING USE AND UNTIL ALL VAPORS ARE GONE: KEEP AREA VENTILATED-DO NOT SMOKE.

Other Precautions:AVOID BREATHING OF VAPORS. EXCESSIVE EXPOSURE HAS CAUSED LIVER ABNORMALITIES, KIDNEY DAMAGE, LUNG DAMAGE, BRAIN DAMAGE.

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

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Respiratory Protection:WEAR A NIOSH/MSHA APPROVED RESPIRATOR IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL/TLV. WEAR SELF-CONTAINED BREATHING APPARATUS IF REQUIRED FOR HIGH LEVELS OF CONTAMINATES.

Ventilation:LOCAL EXHAUST PREFERABLE. GENERAL EXHAUST ACCEPTABLE IF THE EXPOSURE IS MAINTAINED BELOW APPLICABLE EXPOSURE LIMITS.

Protective Gloves:NEOPRENE OR NATURAL RUBBER GLOVES

Eye Protection:PAINT GOGGLES/SAFETY GLASSES AS REQUIRED

Other Protective Equi

pmment:INDUSTRIAL-TYPE WORK CLOTHING, HAT AND APRON

AS REQUIRED. AN EYE WASH AND DRENCH SHOWER FACILITY SHOULD BE AVAILABLE.

Work Hygienic Practices:USE WITH ADEQUATE VENTILATION. AVOID BREATHING VAPOR/SPRAY MIST. AVOID CONTACT WITH SKIN & EYES. WASH HANDS AFTER USE.

Supplemental Safety and Health

KEEP CONTAINER CLOSED WHEN NOT IN USE. TRANSFER ONLY TO APPROVED CONTAINERS WITH COMPLETE AND APPROPRIATE LABELING. DO NOT TAKE INTERNALLY.

===== Physical/Chemical

Properties =====

HCC:F2

Boiling Pt:B.P. Text:176F,80C

Vapor Pres:71

Vapor Density:2.5 AIR=1

Spec Gravity:0.868

Evaporation Rate & Reference: