

PARA-CHEM SOUTHERN, INC. -- PARABOND P-8 -- 5975-01-017-7380

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

Product ID:PARABOND P-8

MSDS Date:06/14/1989

FSC:5975

NIIN:01-017-7380

MSDS Number: BKJTH

=== Responsible Party ===

Company Name:PARA-CHEM SOUTHERN, INC.

Box:127

City:SIMPSONVILLE

State:SC

ZIP:29681

Country:US

Info Phone Num:803-967-7691

Emergency Phone Num:803-967-7691

Preparer's Name:B. L. EUDY

CAGE

:15865

=== Contractor Identification ===

Company Name:PARA CHEM

Box:127

City:SIMPSONVILLE

State:SC

ZIP:29681

Country:US

Phone:864-967-7691

CAGE:15934

Company Name:PARA-CHEM SOUTHERN INC

Box:127

City:SIMPSONVILLE

State:SC

ZIP:29681

Country:US

Phone:(803) 967-7691

CAGE:15865

Company Name:QUINN CITY PLASTICS

CAGE:QUINN

Company Name:RICHMOND ELECTRIC SUPPLY CO. INC.

Address:1732 KELLY ROAD

Box:26526

City:RICHMOND

State:VA

ZIP:23261

Country:US

Phone:804-353-2511

CAGE:4Y801

===== Composition

/Information on Ingredients =====

Ingred Name:TETRAHYDROFURAN (SARA III)
CAS:109-99-9
RTECS #:LU5950000
Fraction by Wt: 44%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/250 STEL
ACGIH TLV:200 PPM/250STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 33%
Other REC Limits:NONE 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:CYCLOHEXANONE (SARA III)
CAS:108-94-1
RTECS #:GW1050000
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:IRRITATION. SKIN:IRRITATING.

PROLONGED CONTACT MAY CAUSE DERMATITIS AND TISSUE DEFATTING.

INHALATION:RESPIRATORY SYSTEM IRRITATION AND LIGHT HEADEDNESS. MAY CAUSE NAUSEA, HEADACHE, DROWSINESS, VOMITING, CNS DISORDER.

INGESTION:ASPIRATION INTO LUNGS AS A RESULT OF VOMITING MAY CAUSE LUNG AND DIGESTIVE SYSTEM DAMAGE.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:VAPORS IN HIGH CONCENTRATION ARE ANESTHETIC. EXPOSURE MAY RESULT IN FATIGUE

E, WEAKNESS, CONFUSION EUPHORIA,
DIZZINESS, HEADACHE, DILATED PUPILS, LACRIMATION, NERVOUSNESS,
MUSCLE FATIGUE, INSOMNIA, PARE STHESIA, DERMATITIS, DIARRHEA AND
PHOTOPHOBIA. CAN CAUSE TEARING, REDNESS OF EYES AND BLURRED VISION.
IRRITATION OF SKIN

Medical Cond Aggravated by Exposure: PERSONS WITH A HISTORY OF 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 S
KIN.

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First Aid Measures
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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: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION
IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL
ATTENTION IMMEDIATELY.

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Fire Fighting Measures
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Flash Point Method: TCC
Flash Point: 10
Lower Limits: 1.1
Upper Limits: 11.8
Extinguishing Media: USE 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 MAY TRAVEL
ALONG THE GROUND OR BE MOVED BY VENTILATION.

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Accidental Release Measures
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Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION. VENTILATE AND
REMOVE WITH INERT ABSORBENT. USE NON-SPARKING TOOLS.

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Handling and Storage
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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. MATERIAL MAY FORM EXPLOSIVE PEROXIDES ON LONG STANDING IN AIR. STORE ABOVE 40F AND BELOW 100F. DO NOT REUSE OR WORK ON "EMPTY DRUMS". RELIEVE INTERNAL DRUM PRESSURE WEEKLY. GROUND AND BOND WHEN POURING.

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

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 Equipment:INDUSTRIAL-TYPE WORK CLOTHING, HAT AND APRON AS REQUIRED. AN EYE WASH AND DRENCH SHOWER FACILITY SHOULD BE AVAILABLE.

Wor

k 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. DO NOT PUNCTURE, DRAG, OR SLIDE CONTAINER. MATERIAL CANNOT B E MADE NON-POISONOUS.

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

HCC:F2

Boiling

Pt:B.P. Text:150-313

Vapor Pres:86

Vapor Density:2.5 AIR=1

Spec Gravity:0.91

Evaporation Rate & Reference:5.6 WATER=1

Solubility in Water:MODERATE

Appearance and Odor:CLEAR VISCOUS LIQUID WITH KETONE ODOR

Percent Volatiles by Volume:87

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:BY

FIRE: CARBON MONOXIDE, CARBON DIOXIDE, HCL, CHLORINE, VAPORS OF OTHER CHEMICALS.
Conditions to Avoid Polymerization: WILL OCCUR IN THE PRESENCE OF CATIONIC INITIATORS.

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

Waste Disposal Methods: WASTE MATERIAL WILL LIKELY BE A HAZARDOUS WASTE WHICH MUST BE DISPOSED OF ACCORDINGLY. DO NOT INCINERATE CLOSED CONTAINER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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