

STABOND CORP -- C 111 -- 1660-00-822-3181

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

Product ID:C 111  
MSDS Date:04/26/1996  
FSC:1660  
NIIN:00-822-3181  
Status Code:A  
MSDS Number: CJDTC  
=== Responsible Party ===  
Company Name:STABOND CORP  
Address:14010 S WESTERN AVE  
City:GARDENA  
State:CA  
ZIP:90249-3008  
Country:US  
Info Phone Num:213-770-0591  
Emergency Phone Num:213-770-0591  
Preparer's Name:D. MARTINSON  
Chemtre  
c Ind/Phone:(800)424-9300  
CAGE:25670  
=== Contractor Identification ===  
Company Name:KIT PACK CO  
Address:285 E THORPE RD  
Box:City:LAS CRUCES  
State:NM  
ZIP:88005-5830  
Country:US  
Phone:505-526-3220  
Contract Num:SP0920-98-M-3890  
CAGE:30842  
Company Name:STABOND CORPORATION  
Address:14010 S WESTERN AVE  
Box:City:GARDENA  
State:CA  
ZIP:90249-3008  
Country:US  
Phone:213-770-0591/800-4249300  
CAGE:25670

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

Ingred Name:METHYL ETHYL KETONE  
CAS:78-

93-3  
RTECS #:EL6475000  
= Wt:67.  
Other REC Limits:NONE RECOMMENDED  
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

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

LD50 LC50 Mixture:TLV 200 PPM  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS: EYE, SKIN, CENTRAL  
NERVOUS SYSTEM, RESPIRATORY AND GASTROINTESTINAL TRACTS. ACUTE AND  
CHRONIC - EYE CONTACT MAY CAUSE IRRITATION AND BURNING SENSATION.  
LIQUID CONTACT WILL DRY THE SKIN. PROLONGED OR REPEATED SKIN  
CONTACT WITH LIQUID CAN RESULT IN DEFATTING AND DRYING OF THE SKIN  
WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS. INHALATION OF  
VAPORS MAY CAUSE IRRITATION TO THE NOSE, THROAT AND RESPIRATORY  
TRACT. HIGH VAPOR CONCENTRATIONS MAY CAUSE CENTRAL NERVOUS SYSTEM  
(CNS) DEPRESSION. MAY BE HARMFUL IF SWALLOWED. MAY PRODUCE CNS  
DEPRESSION. ASPIRATION HAZARD.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, NAUSEA,  
VOMITING, DROWSINESS, COMA, EYE REDNESS, TEARING, BLURRED VISION,  
SKIN CRACKING, DEFATTING, DRYING, DERMATITIS, UNCONSCIOUSNESS,  
GENERAL WEAKNESS, PULMONARY EDEMA, EXCITEMENT, FATIGUE, DIARRHEA  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS, EYE PROBLEMS OR IMPAIRED CENTRAL NERVOUS SYSTEM, OR  
RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS  
PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALATION: REMOVE TO  
FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. IF  
BREATHING IS DIFFICULT, OXYGEN MAY BE GIVEN BY QUALIFIED PERSONNEL.  
EYE CONTACT: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.  
HOLD EYELIDS OPEN. SKIN: WASH WITH SOAP AND PLENTY OF WATER FOR

AT

LEAST 15 MINUTES. INGESTION: DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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Fire Fighting Measures  
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Flash Point Method:TCC

Flash Point:=-5.C, 23.F

Lower Limits:2.0%

Upper Limits:11.4%

Extinguishing Media:FOAM, ALCOHOL, CO2, DRY CHEMICAL

Fire Fighting Procedures:NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS IS REQUIRED

FOR FIRES IN ENCLOSED AREAS.

Unusual Fire/Explosion Hazard:VOLATILE SOLVENT CONSTITUENT CAN READILY FORM EXPLOSIVE OR FLAMMABLE MIXTURES IN AIR. VAPORS CAN FLOW ALONG SURFACES TO DISTANT FOURCES AND FLASH BACK.

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Accidental Release Measures  
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Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. DO NOT WALK THROUGH SPILL; STOP SPILL IF POSSIBLE. USE A VAPOR SUPPRESSING FOAM TO REDUCE VAPORS. CONTAIN

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AND PICK UP WITH NON -FLAMMABLE ABSORBENT SUCH AS SAND, VERMICULITE. GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS, CONFINED SPACES.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN WELL VENTILATED AREA. STORE IN COOL PLACE. KEEP CONTAINER TIGHTLY CLOSED. STORE IN ACCORDANCE WITH NATIONAL FIRE PROTECTION ASSOCIATION REGULATIONS. KEEP AWAY FROM DIRECT SUNLIGHT, IGNITION SOURCES,

AND INCOMPATIBLE

MATERIALS. USE ONLY NON-SPARKING TOOLS

Other Precautions:FLAMMABLE. EMPTY CONTAINERS RETAIN PRODUCT RESIDUES (VAPORS, LIQUID, AND/OR SOLID) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER OR DRILL. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING VAPORS. DO NOT GET IN EYE, ON SKIN OR ON CLOTHING. VAPOR CAN COLLECT IN FLOOR, DRAINS OR LOW AREAS.

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Exposure Controls/Personal Protection  
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Respiratory Protection:|

N RESTRICTED OR NON-VENTILATED AREAS WHERE VAPOR EXPOSURE MAY BE ENCOUNTERED, USE RESPIRATOR WITH ORGANIC SOLVENT VAPOR ADSORBING FILTER OR INDEPENDENT AIR SUPPLY.  
Ventilation:MECHANICAL VENTILATION AND/OR LOCAL EXHAUST, SUFFICIENT IN PATTERN AND VOLUME, TO MEET TLV REQUIREMENTS AND PREVENT EXPLOSIVE CONCENTRATION OF SOLVENT VAPORS.  
Protective Gloves:USE POLYETHYLENE OR NATURAL RUBBER GLOVES IF FREQUENT SKIN CONTACT IS LIKELY  
Eye Protection:SAFETY GLASSES WITH SPLASH GUARDS OR SIDE SHIELDS RECOMMENDED.  
Other Protective Equipment:EYE WASH FOUNTAIN OR BOTTLES. SOLVENT INSOLUBLE BARRIER HAND CREAM.  
Work Hygienic Practices:DO NOT USE CONTACT LENSES. WASH CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health  
NONE LISTED.

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

Boiling Pt.=79.4C, 175.F  
Vapor Density:> AIR  
Spec Gravity:0.9(H2O=1)  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Solubility in Water:NIL  
Appearance and  
Odor:MEDIUM VISCOSITY BROWN LIQUID

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:EXCESSIVE HEAT, POOR VENTILATION, SPARKS, OPEN FLAMES, HOT SURFACES, STATIC ELECTRICITY AND OTHER SOURCES OF IGNITION  
Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, PHENOLS, AND HYDROGEN CYANIDE.

===== Disposal Consideration

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Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS. SOLID INGREDIENTS ARE NOT CONSIDERED HAZARDOUS.

===== Regulatory Information =====

SARA Title III Information:MEK IS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III AND OF 40 CFR PART 372.  
State Regulatory Information:THIS PRODUCT MAY CONTAIN CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CA

NCER AND/OR BIRTH DEFECTS OR  
OTHER REPRODUCTIVE HARM.

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