

UNION OIL CO UNOCAL CHEMICAL DIVISION -- TEXTILE SPIRITS-CAVITY LINING AND THINNER --
6520-00-782-6469

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

Product ID:TEXTILE SPIRITS-CAVITY LINING AND THINNER

MSDS Date:07/23/1986

FSC:6520

NIIN:00-782-6469

MSDS Number: BJDNN

=== Responsible Party ===

Company Name:UNION OIL CO UNOCAL CHEMICAL DIVISION

Address:1345 N MEACHAM RD

City:SCHAUMBURG

State:IL

ZIP:60195

Coun

try:US

Info Phone Num:312-490-2500

Emergency Phone Num:213-664-2121;800-424-9300(CHEMTREC)

CAGE:LO972

=== Contractor Identification ===

Company Name:PLASTODENT INC.

Address:2881 MIDDLETON ROAD

Box:City:BRONX

State:NY

ZIP:10461-3306

Country:US

Phone:212-792-3554

CAGE:8P273

Company Name:UNION OIL CO UNOCAL CHEMICAL DIVISION

Address:1345 N MEACHAM RD

Box:City:SCHAUMBURG

State:IL

ZIP:60195

Country:US

Phone:312-490-2500

CAGE:LO972

Company Name:UNOCAL CHEMICALS DIV UNION OIL CO OF CALIFORNIA

Address:1

345 N MEACHAM RD
Box:City:SCHAUMBURG
State:IL
ZIP:60195
Country:US
Phone:800-967-7601
CAGE:5W323

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

Ingred Name:TEXTILE SPIRITS (AS FINISHED PRODUCT)
CAS:64741-84-0
Fraction by Wt: 100%

Ingred Name:HEXANE (N-HEXANE)
CAS:110-54-3
RTECS #:MN9275000
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:CYCLOHEXANE (SARA III)
CAS:110-82-7
RTECS #:GU6300000
Other REC
Limits:NONE SPECIFIED
OSHA PEL:300 PPM
ACGIH TLV:300 PPM, 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:N-HEPTANE
CAS:142-82-5
RTECS #:MI7700000
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9293

Ingred Name:METHYLCYCLOHEXANE
CAS:108-87-2
RTECS #:GV6125000
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:400 PPM; 9293

Ingred Name:C5-C7 PARAFFINS
Other REC Limits:NONE SPECIFIED

Ingred Name:C5-C7 CYCLOPARAFFINS
Other REC Limits:NONE

SPECIFIED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE:DIRECT CONTACT W/LIQ OR EXPOS TO VAPORS MAY BE IRRIT.SKIN:PROLONGED OR REPEATED EXPOS TO MATERIAL MAY CAUSE DERMATITIS.INHAL:MAY CAUSE IRRIT OF THE NOSE AND THROAT,IRREGULAR HEARTBEATS (ARRHYTHMIA S). MAY CAUSE V

ISUAL DISTURBANCES.INGEST:MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT.MAY CAUSE LUNG INFLAMMATION&DAMAGE.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:EYE:MAY CAUSE BURNING, TEARING AND REDNESS.

SKIN:MAY CAUSE REDNESS, BURNING, DRYING AND CRACKING. INHAL: MAY CAUSE DROWSINESS, DIZZINESS, LOSS OF COORDINATION, AND FATIGUE. DAMAGE TO PERIPHERAL NERVES . INGEST: MAY CAUSE DROWSINESS, DIZZINESS, LOSS OF COORD, AND FATIGUE.

Medical Cond Aggravated by Exp

osure:SKIN:PERSONS W/PRE-EXISTING SKIN

DISORDERS MAY BE SUSCEPTIBLE TO EFTS OF MATL.INHAL:PERSONS W/IMPAIRED LUNG FUNC OR ASTHMA-LIKE CONDITIONS MAY EXPER ADDNL BREATHING DIFFICULTIES.

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

First Aid:EYE:IF IRRIT OR REDNESS DEVELOPS,MOVE VICTIM AWAY FROM EXPOS&INTO FRESH AIR.FOR DIRECT CONT,FLUSH W/CLEAN H2O.SEEK MD. SKIN:REMOVE CONTAMD CLTHG.CLEANSE AFFECTED AREAS W/SOAP&H2O.SEE MD.INHAL: MOVE AW AY FROM S

OURCE OF EXPOS INTO FRESH AIR.SEEK MD.IF NOT BRTHG,ARTF RESP.IF BRTHG DFCLTS DEVELOP,USE OXYGEN.SEEK MD.INGEST:SEEK MD IMMED.IF VICTIM DROWSY OR UNCON,PLACE ON LEFT SIDE W/HEAD DOWN.

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

Flash Point:-6, TCC F

Lower Limits:1.0

Upper Limits:7.0

Extinguishing Media:SMALL FIRES,EXTING WITH DRY CHEM,CO2 OR FOAM.LGE FIRES:USE OF DRY CHEM OR FOAM IS RECOMND.WATER IS AN INEFT EXTING AGENT

Fire Fighting Procedures:USE

OF SCBA RECOMND FOR FIRE FIGHTERS.WATER

SPRAY IS USEFUL IN MINIMIZING VAPORS&COOLING CONTRS EXPOS TO HEAT&FLAME. AVOID SPREADING BURNING LIQ W/H2O TO COOL.

Unusual Fire/Explosion Hazard:FLASHBACK ALONG VAPOR TRAIL MAY OCCUR.

THIS MATERIAL IS EXTREMELY FLAMMABLE AND MAY BE IGNITED BY HEAT, SPARKS, FLAME OR STATIC ELECTRICITY.

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

Spill Release Procedures:STAY UPWIND&AWAY FROM SPILL.KEEP SOURCES OF IGNIT&HOT META

L SURF AWAY FROM SPILL.SPILL INDOORS,VENT AREA OF SPILL.FOAM, ESPEC HIGH EXPANSION FOAM,MAY BE USED TO SUPPRESS VAPORS.KEEP OUT OF DRAINS,SEWE RS OR WATERWAYS.USE SAND TO DAM&CONTAINSPILL.

Neutralizing Agent:SEE ABOVE

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

Handling and Storage Precautions:KEEP CONTRS TIGHTLY CLOSED.USE&STORE W/ADEQ VENT.EMPTY CONTRS RETAIN RESIDUE.DONT PRESSURIZE,CUT,WELD,BRAZE,SOLDER, DRILL,GRIND OR EXPOSE TO HEAT.

Other Precau

tions:EMPTY DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED AND PROMPTLY SHIPPED TO THE SUPPLIER OR A DRUM RECONDITIONER.ALL OTHER CONTRS SHOULD BE DISPOSED IN AN ENVIRONMENTALLY SAFE TANK.REFER TO OCCU PATIONAL SAFETY&HEALTH ADMIN REGS.

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

Respiratory Protection:NIOSH/MSHA APPROVED SUPPLIED AIR RESPIRATOR WHEN EXPOSURE LEVELS > PEL/TLV. DO NOT USE A CHEMICAL CARTRIDGE RESPIRATOR.

Ventilation:GENERAL D

ILUTION,OR LOCAL EXPLOSION PROOF EXHAUST VENTILATION AS NEEDED TO MAINTAIN LIMITS AT OR BELOW TLV/PEL.

Protective Gloves:IMPERMEABLE.

Eye Protection:CHEM WORK GOGGLES,FACESHLD OPTIONAL

Other Protective Equipment:IMPERVIOUS CLOTHING SHOULD BE WORN.EMERGENCY EYE WASH AND SHOWER IS RECOMMENDED.

Work Hygienic Practices:AVOID INHALATION OF VAPORS AND SKIN CONTACT.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:

148 TO 189F

Vapor Pres:166MMHG @20

Vapor Density:3.2

Spec Gravity:0.688

Evaporation Rate & Reference:8.80

Solubility in Water:NEGLIGIBLE (