

CHEMICAL SPECIALISTS & DEVELOPMENT INC. -- THINNER,SYNTHETIC RESIN ENAMEL --
8010-00-558-7027

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Product Identification
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Product ID:THINNER,SYNTHETIC RESIN ENAMEL
MSDS Date:07/01/1988
FSC:8010
NIIN:00-558-7027
MSDS Number: BZLGZ
=== Responsible Party ===
Company Name:CHEMICAL SPECIALISTS & DEVELOPMENT INC.
Box:687
City:CONROE
State:TX
ZIP:77305
Country:US
Info Phone Num:409-756-1065
Emerg
ency Phone Num:409-756-1065
CAGE:4N760
=== Contractor Identification ===
Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC
Address:2210 HACKBERRY LN
Box:687
City:CONROE
State:TX
ZIP:77305
Country:US
Phone:409-756-1065
CAGE:4N760

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Composition/Information on Ingredients
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Ingred Name:N-BUTYL ALCOHOL (SARA 313) (CERCLA)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 20 - 23%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 9596
EPA Rpt Qty:50

00 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VM&P NAPHTHA (LIGROINE)
CAS:8032-32-4
RTECS #:OI6180000
Fraction by Wt: 50 - 57%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:300 PPM
ACGIH TLV:300 PPM; 9596

Ingred Name:TOLUENE (SARA 313) (CERCLA)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 14 - 15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ISOBUTYL ISOBUTYRATE
CAS:97-85-8
RTECS #:NQ5250000
Fraction by Wt: 9
- 12%
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS, LIVER,
KIDNEY. ACUTE- MAY CAUSE SEVERE EYE IRRITATION. INHALATION MAY
CAUSE CNS DEPRESSION. MAY BE ABSORBED THROUGH SKIN. MAY CAUSE
DEFATTING. INGESTION CAN B
E HARMFUL. A SPIRATION HAZARD. CHRONIC-
MAY CAUSE DERMATITIS, LIVER, KIDNEY INJURY, BRAIN & CNS DAMAGE.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:HEADACHE, DIZZINESS, NAUSEA, LOSS OF
COORDINATION, SEVERE EYE IRRITATION, REDNESS AND ITCHING OR BURNING
SENSATION OF EYES OR SKIN, ABDOMINAL PAIN, WEAKNESS, CONFUSION,
DIARRHEA, BREATHING DIFFICULTY
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS, EYE PROBLEMS OR IMPAIRED LIVER, KIDNEY

, CNS, BRAIN OR

RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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First Aid Measures
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First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. CALL PHYSICIAN. SKIN:WASH WITH SOAP & WATER . ORAL:DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY. PHYSICIAN SHOULD CONSULT POISON CONTROL CENTER AT 212-664-2121 (VOMITING). NEVER 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:50.0F,10.0C
Lower Limits:0.9%
Extinguishing Media:USE CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FA
CEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE OR BE MOVED BY VENTILATION TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINER MAY EXPLODE.

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Accidental Release Measures
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Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH OR VERMICULITE. GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERING SEWERS.
Neutralizing Agent:NOT RELEVANT

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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL PLACE, AWAY FROM SOURCES OF IGNITION & STRONG OXIDIZING AGENTS. KEEP OUT OF REACH OF CHILDREN.
Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL OR EXPOSE SUCH CONTAINERS TO HEAT

, FLAME, SPARKS. DO NOT RE-USE CONTAINER. AVOID BREATHING VAPO RS OR MISTS.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH APPROVED ORGANIC VAPOR RESPIRATOR OR SELF CONTAINED BREATHING APPARATUS, WITH A FULL FACE PIECE, OPERATED IN POSITIVE PR ESSURE MODE.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EX POSURE BELOW TLV(S).

Protective Gloves:COTTON LINED NEOPRENE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, INDUSTRIAL-TYPE WORK CLOTHING TO PROTECT SKIN

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

Supplemental Safety and Health

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

HCC:F2

NRC/State Lic N

um:NOT RELEVANT

Boiling Pt:=110.C, 230.F

Melt/Freeze Pt:>-28.9C, -20.F

Vapor Pres:22

Vapor Density:3.0

Spec Gravity:0.792

Solubility in Water:5-10%

Appearance and Odor:CLEAR LIQUID WITH CHARACTERISTIC ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

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

Hazardous Decomposition Product

s:MAY FORM CARBON MONOXIDE, CARBON
DIOXIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. INCINERATE IN
APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINER.

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