

CSD INC. (OBSOLETE ADDRESS; USE 4N760) -- THINNER DOPE & LACQUER CELLULOSE NITRATE
-- 8010-00-160-5787

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

Product ID:THINNER DOPE & LACQUER CELLULOSE NITRATE

MSDS Date:07/01/1988

FSC:8010

NIIN:00-160-5787

MSDS Number: BHMFX

=== Responsible Party ===

Company Name:CSD INC. (OBSOLETE ADDRESS; USE 4N760)

Address:420 SEABOARD DRIVE

City:MATTHEWS

State:NC

ZIP:28105-5073

Country:US

Info Phone Num:704-821-9822

Emergency Phone Num:704-821-9822

CAGE:5W216

=== Contractor Identification ===

Company Name:CSD INC. (PRE 1985 NAME: MATHEWS, INC)

Address:420 SEABOARD DRIVE

Box:City:MATTHEWS

State:NC

ZIP:28105-5073

Country:US

Phone:704-821-9822

CAGE:5W216

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

Ingred Name:ALIPHATIC NAPHTHA

Fraction by Wt: 16-17%

ACGIH TLV:300 B

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 1

2-20%
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ALCOHOL
CAS:124-68-5
Fraction by Wt: 11-10%MI
ACGIH TLV:100 A

Ingred Name:ISOBUTYL ACETATE (SARA III)
CAS:110-19-0
RTECS #:AI4025000
Fraction by Wt: 30-35%
OSHA PEL:150 PPM
ACGIH TLV:150 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 20%
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500S
TEL;9192

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 10-15%
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Effects of Overexposure:EYE IRRITANT. CAN CAUSE DERMATITIS, ANESTETIC
RESPIRATORY TRACT IR

RITATION; NAUSEA, VOMITING, HEADACHES,
DIZZINESS, LIVER OR KIDNEY DAMAGE. CAN BE ABSORBED THROUGH SKIN;
CAUSE BIRTH AND REPRODUCTIVE D EFFECTS IN SOME LAB ANIMALS.

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

First Aid:EYES: FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15
MINUTES OR SEEK IMMEDIATE MEDICAL ATTENTION. SKIN: WASH WITH LARGE QUANTITIES OF
WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION:
REMOVE FROM EXPOSURE AND SEEK FRESH AIR. IF BREATHING STOPS, GIVE
CPR AND SEEK IMMEDIATE MEDICAL ATTENTION. INGESTION: CONTACT
PHYSICIAN IMMEDIATELY. PHYSICIAN SHOULD CONTACT POISON CONTROL CENTER
212-664-2121

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

Flash Point Method:TCC
Flash Point:38F 3.33C
Lower Limits:.9
Extinguishing Media:USE FOAM, CO2, OR DRY CHEMICAL FIRE FIGHTING
APPARATUS
Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS, WATER
SPRAY FOR COOLING.
Unusual Fire/Explosion
Hazard:AVOID EXCESSIVE WATER; KEEP WORK AREA
FREE OF HOT METAL SURFACES.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. FLUSH SPILLED
MATERIAL INTO SUITABLE RETAINING AREAS OR CONTAINERS WITH LARGE
QUANTITIES OF WATER. SMALL AMOUNTS OF SPILLED MATERIAL MAY BE
ABSORBED INTO AN APPROPRIATE ABSORBANT.

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

Handling and Storage Precautions
:KEEP CONTAINERS COOL, DRY AND AWAY
FROM SOURCES OF IGNITION. USE/STORE THIS PRODUCT WITH ADEQUATE
VENTILATION. KEEP CONTAINERS CLOSED WHEN NOT USING.
Other Precautions:AVOID INHALATION AND CONTACT WITH SKIN.

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

Respiratory Protection:NIOSH APPROVED CARTRIDGE RESPIRATOR OR SELF-
CONTAINED BREATHING APPARATUS.
Ventilation:MECHANICAL VENTILATION OR LOCAL EXHAUST TO REDUCE TLV TO
APPROVED LEVEL.
Protective Gloves:IMPE

IMPERMEABLE GLOVES (NEOPRENE)

Eye Protection:SAFETY GLASSES, GOGGLES, FACE SHEILD

Other Protective Equipment:IMPERMEABLE APRONS

Supplemental Safety and Health

24/08/93 - VAPOR PRESSURE WAS LISTED AS 70 MM. DUE TO A QUESTION TO F/P D, CSD WAS CALLED AND THEY SAID THAT V.P. HAS ALWAYS BEEN 24.5 MM.

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

HCC:F3

Boiling Pt:B.P. Text:175F 79C

Vapor Pres:24.5

Vapor Density:3.0(AIR=1)

Spec Gravity:.824

Evaporation Rate & Refere
nce:4.9

Solubility in Water:5%

Appearance and Odor:CLEAR, LITTLE IF ANY COLOR, CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:HEAT, SPARKS AND OPEN FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE FROM BURNING

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

Waste Disposal Methods:DISPOSE OF PRODUCT IN ACC

ORDANCE WITH APPLICABLE

LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

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