

RALRUBE INC -- FA1051 MMM-A-1617 TYPE 11 -- 8040-00-290-4301

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Product Identification  
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Product ID:FA1051 MMM-A-1617 TYPE 11

MSDS Date:07/27/1998

FSC:8040

NIIN:00-290-4301

Status Code:A

MSDS Number: CLLLC

=== Responsible Party ===

Company Name:RALRUBE INC

Address:36977 FOX GLEN

City:FARMINGTON

State:MI

ZIP:48331-5000

Country:US

Info Phone Num:313-661-0260

Emergency Phone Num:201-694-0545

Preparer's Name:ERNEST CARTER

CAGE:GO659

=== Contractor Identification ===

Company Name:RALRUBE INC

Address:36977 FOX GLEN

City:FARMINGTON

State:MI

ZIP:48331-5000

Country:US

Phone:313-661-0260

CAGE:GO659

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Composition/Information on Ingredients  
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Ingred Name:HEXANE

CAS:110-54-3

RTECS #:MN9275000

= Wt:25.

OSHA PEL:1800 MG/M3;500 PPM

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:METHYL ETHYL KETONE

CAS:78-93-3

RTECS #:EL6475000

= Wt:13.

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

Ingred Name:ACETONE  
CAS:67-64-1  
RTECS #:AL3150000  
= Wt:18.

OSHA PEL:2400 MG/M3;1000 PPM  
ACGIH TLV:1780 MG/M3;750 PPM  
ACGIH STEL:2380 MG/M3;1000 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:POLYCHLOROPRENE SYNTHETIC RUBBER  
CAS:9010-98-4  
Code:F  
RTECS #:EI9640000

Ingred Name:TOLUENE  
CAS:108-88-3  
Code:F  
RTECS #:XS5250000

= Wt:16.  
OSHA PEL:SEE TABLE Z-2  
ACGIH TLV:188 MG/M3;50 PPM  
EPA Rpt Qty:  
1000 LBS  
DOT Rpt Qty:1000 LBS

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

Effects of Overexposure:MUCOUS IRRITATION TO EYES AND MEMBRANES. DRY  
CRACKED SKIN, LIQUID INGESTION MAY RESULT IN VOMITING. CAN CAUSE  
SEVERE EYE BURNS TINGLING AND WEAKNESS OF ARMS AND LEGS MAY OCCUR.  
Medical Cond Aggravated by Exposure:RESPIRATORY ALIMENTS.

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

First Aid:SKIN: WASH WITH SOAP AND WATER EYES: FLUSH EYES ABUN

DANTLY

WITH CLEAN WATER. . INGESTION: DO NOT INDUCE VOMITING.

INHALATION: REMOVE PATIENT TO FRESH AIR OR GIVE OXYGEN

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

Flash Point Method:TCC

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NONE

Lower Limits:1.0

Upper Limits:12.8

Extinguishing Media:: CO2, FOAM, AND DRY CHEMICAL

Fire Fighting Procedures:NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN.

Unusual Fire/Explosion Hazard:

VAPOR IS HEAVIER THAN AIR AND MAY TRAVEL

CONSIDERABLE DISTANCE TO A SOURCES OF IGNITION AND FLASHBACK

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

Spill Release Procedures:ABSOB SPILL IN SAND, EARTH, VERMICULITE, OIL-DRI, OR SOL-SPEED-DRI.SHOVEL ABSORBED MATERIAL INTO STEEL CONTAINER AND COVER.

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED AND STORE IN APPROVED SOLVENT

STORAGE AREA. KEEP AWAY FROM OPEN FLAME, HEAT SPARKS, HOT SURFACES AND OXIDIZING AGENTS.

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

Respiratory Protection:USE NIOSH APPROVED ATMOSPHERE SUPPLYING OR AIR PURIFYING RESPIRATOR.

Ventilation:LOCAL EXHAUST:Protective Gloves:PVA GLOVES.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.

Work Hygienic Practices:KEEP AREA CLEAN. CLEAN UP SPILLS IMMEDIAT

ELY.

PRACTICE GOOD PERSONAL HYGIENE.

Supplemental Safety and Health

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

Boiling Pt:=55.6C, 132.F

Vapor Pres:116.6 AT20 DEG.C OR 68 F

Vapor Density:2.64

Spec Gravity:0.828

VOC Pounds/Gallon:627

VOC Grams/Liter:7.08

Appearance and Odor:SWEET SOLVENTY PUNGENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:AVOID HEAT, OPEN FLAMES,  
SPARKS, HOT

SURFACES AND OXIDIZING AGENTS.

Hazardous Decomposition Products:OXIDES OF CARBON, MAGNESIUM, ZINC,  
HYDROGEN CHLORIDE. HAZARDOUS

Conditions to Avoid Polymerization:: WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND  
LOCAL CHEMICAL AND SOLVENT WASTE DISPOSAL REGULATIONS.

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