**FLECTO -- VARATHANE LIQUID PLASTIC, 60**

**MATERIAL SAFETY DATA SHEET**

**NSN:** 601000N019588  
**Manufacturer's CAGE:** 58381  
**Part No. Indicator:** A  
**Part Number/Trade Name:** VARATHANE LIQUID PLASTIC, 60

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**Company's Name:** FLECTO CO INC  
**Company's Street:** 1000 45TH ST  
**Company's P. O. Box:** 12955  
**Company's City:** OAKLAND  
**Company's State:** CA  
**Company's Country:** US  
**Company's Zip Code:** 94604-2955  
**Company's Emerg Ph #:** 415-655-2470  
**Company's Info Ph #:** 415-655-2470  
**Record No. For Safety Entry:** 001  
**Tot Safety Entries This Stk #:** 001  
**Status:** SMJ  
**Date MSDS Prepared:** 08MAR88  
**Safety Data Review Date:** 09OCT91  
**MSDS Preparer's Name:** EDWARD M QUESADA  
**Preparer's Company:** SAME  
**MSDS Serial Number:** 1GIVM  
**Hazard Characteristic Code:** F4

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**Ingredients/Identity Information**

**Proprietary:** NO  
**Ingredient:** STODDARD SOLVENT  
**Ingredient Sequence Number:** 01  
**Percent:** 53  
**NIOSH (RTECS) Number:** WJ8925000  
**CAS Number:** 8052-41-3  
**OSHA PEL:** 500 PPM  
**ACGIH TLV:** 100 PPM; 9293

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**Physical/Chemical Characteristics**

**Appearance And Odor:** CLEAR AMBER APPEARANCE WITH A MILD ALIPHATIC ODOR.  
**Boiling Point:** 315°F, 157°C  
**Vapor Pressure (MM Hg/70 F):** SEE INGRED  
**Vapor Density (Air=1):** >1  
**Evaporation Rate And Ref:** <1(ETHER=1)  
**Solubility In Water:** NEGLIGIBLE  
**Percent Volatiles By Volume:** 60.9

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**Fire and Explosion Hazard Data**

**Flash Point:** 105°F, 41°C  
**Flash Point Method:** TCC  
**Lower Explosive Limit:** 1.0%  
**Upper Explosive Limit:** N/A  
**Extinguishing Media:** FOAM, CARBON DIOXIDE, DRY CHEMICAL.  
**Special Fire Fighting Proc:** WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N.). FIGHT AS VOLATILE LIQ FIRE. USE H2O TO KEEP FIRE EXPOS CONTR COOL TO REDUCE PRESSURE.  
**Unusual Fire And Expl Hazards:** NONE SPECIFIED BY MANUFACTURER.

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**Reactivity Data**

**Stability:** YES  
**Cond To Avoid (Stability):** EXCESSIVE HEAT, POOR VENTILATION, CORROSIVE
ATMOSPHERES, EXCESSIVE AGING, SPARKS OR OPEN FLAME.
Materials To Avoid: MAY REACT WITH STRONG OXIDIZING AGENTS.
Hazardous Decomp Products: NONE SPECIFIED BY MANUFACTURER.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT.

Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: ACUTE: BOTH RESPIRATORY TRACT IRRITANT AND A CENTRAL NERVOUS SYSTEM(CNS) DEPRESSANT. CHRONIC: UNKNOWN AT THIS TIME.
INHAL/SWALLOWED: BURNING SENSATION IN NOSE AND THROAT, COUGH, FEELING OF DIFFICULTY IN BREATHING. ALSO, HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCON/COMA. CONTACT WITH SKIN/EYES: PRIMARY IRRIT.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT.
Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS.
Med Cond Aggravated By Exp: ANESTHESIA, RESPIRATORY TRACT IRRITATION, DERMATITIS, NAUSEA, VOMITING.
Emergency/First Aid Proc: EYE: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MIN. CONSULT PHYS. SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. CONSULT PHYS IF IRRITATION PERSISTS. INHAL: REMOVE TO FRESH AIR, RESTORE BREATHING, CONSULT PHYS. INGEST: DO NOT INDUCE VOMITING. CALL PHYS.

Precautions for Safe Handling and Use

Steps If Mat Released/Spill: REMOVE ALL SOURCES OF IGNITION. AVOID BREATHING VAPORS. VENTILATE AND REMOVE WITH INERT ABSORBENT.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: NORMAL WASTE DISPOSAL METHODS. DO NOT INCINERATE IN CLOSED CONTAINERS. DISPOSE OF ALL WASTES IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
Precautions-Handling/Storing: KEEP AWAY FROM CHILDREN. DO NOT TAKE INTERNALLY. DO NOT GET IN EYES. DO NOT STORE OR USE NEAR HEAT, SPARKS OR FLAME.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

Control Measures

Respiratory Protection: USE NIOSH/MSHA APPROVED MASK OR RESPIRATOR FOR ORGANIC VAPORS AS NECESSARY.
Ventilation: ADEQUATE VOLUME AND PATTERN TO AVOID VAPOR CONCENTRATION IN EXCESS OF TLV OR LEL.
Protective Gloves: NEOPRENE OR RUBBER GLOVES.
Eye Protection: CHEMICAL WORKERS GOGGLES (FF N).
Other Protective Equipment: USE IMPERMEABLE APRONS AND PROTECTIVE CLOTHING.
Work Hygienic Practices: DO NOT STORE IN HIGH TEMPERATURE AREA OR NEAR FIRE OR OPEN FLAME. DO NOT TAKE INTERNALLY.
Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.

Transportation Data

Trans Data Review Date: 91344
DOT PSN Code: LFK
DOT Proper Shipping Name: PAINT RELATED MATERIAL
DOT Class: 3
DOT ID Number: UN1263
DOT Pack Group: III
DOT Label: FLAMMABLE LIQUID
IMO PSN Code: LCT
IMO Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL
IMO Regulations Page Number: 3372
IMO UN Number: 1263
IMO UN Class: 3.3
IMO Subsidiary Risk Label: -
IATA PSN Code: SXM
IATA UN ID Number: 1263
IATA Proper Shipping Name: PAINT RELATED MATERIAL
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
AFI PSN Code: SXH
AFI Prop. Shipping Name: PAINT OR PAINT RELATED MATERIAL
AFI Class: 3
AFI ID Number: UN1263
AFI Pack Group: III

Disposal Data

Label Data

Label Required: YES
Technical Review Date: 09OCT91
Label Date: 30SEP91
Label Status: G
Common Name: VARATHANE LIQUID PLASTIC, 60
Chronic Hazard: NO
Signal Word: WARNING!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-Moderate: X
Reactivity Hazard-None: X
Special Hazard Precautions: FLAMMABLE LIQUID. ACUTE: RESPIRATORY TRACT IRRITATION AND CNS DEPRESSANT. SKIN AND EYE IRRITATION. DO NOT TAKE INTERNALLY. DO NOT GET IN EYES. DO NOT STORE OR USE NEAR HEAT, SPARKS OR FLAME. CHRONIC: NONE KNOWN AT THIS TIME.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: FLECTO CO INC
Label Street: 1000 45TH ST
Label P.O. Box: 12955
Label City: OAKLAND
Label State: CA
Label Zip Code: 94604-2955
Label Country: US
Label Emergency Number: 415-655-2470