

FREEMAN MFG AND SUPPLY CO -- TUF-CARV -- 8010-01-097-0803

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Product Identification
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Product ID:TUF-CARV

MSDS Date:01/01/1985

FSC:8010

NIIN:01-097-0803

MSDS Number: BGLQM

=== Responsible Party ===

Company Name:FREEMAN MFG AND SUPPLY CO

Address:27655 GROESBACK HWY

City:ROSEVILLE

State:MI

ZIP:48066-2758

Country:US

Info Phone Num:313-774-1210 / FAX 313-774-1019

Emergency Phone Num:313-774-12

10

CAGE:99113

=== Contractor Identification ===

Company Name:FREEMAN MFG AND SUPPLY CO

Address:27655 GROESBACK HWY

Box:City:ROSEVILLE

State:MI

ZIP:48066-2758

Country:US

Phone:313-774-1210

CAGE:99113

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Composition/Information on Ingredients
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Ingred Name:BENZOYL PEROXIDE (50%)

RTECS #:DM8577000

Fraction by Wt: 1.2%

ACGIH TLV:5 MG/CUM

Ingred Name:UNSATURATED POLYESTER

Fraction by Wt: 41%

Ingred Name:DIMETHYLANILINE (N,N-DIMETHYL-ANILINE) (SARA III)

CAS:121-69-7

RTECS

#:BX4725000
Fraction by Wt: 0.29%
OSHA PEL:S, 5 PPM/10 STEL
ACGIH TLV:S,5 PPM/10 STEL;9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:HYDROQUINONE (SARA III)
CAS:123-31-9
RTECS #:MX3500000
Fraction by Wt: 0.01%
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:STYRENE, MONOMER (SARA III)
CAS:100-42-5
RTECS #:WL3675000
Fraction by Wt: 17%
OSHA PEL:100 PPM
ACGIH TLV:S,50PPM/100STEL;9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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azards Identification =====

Effects of Overexposure:STYRENE @ 400 PPM OR IN STRONG CONC IS IRRIT TO ALL PARTS RESP TRACT & EYES. (SEE SUPP DATA)

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First Aid Measures =====

First Aid:REMOVE VICTIM FROM EXP TO WELL VENT AREA,GIVE O*2/ARTIFICIAL RESPIRATION IF NEC. IF INGEST,DONT INDUCE VOMIT,CALL PHYS. EYE CONT,FLUSH W/H*2O AT LEAST 15 MIN,CONSULT EYE PHYS. WASH FROM SKIN W/PLENTY SOAP & H*2O.

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Fire Fighting Measures =====

Flash Point:85-105F (TOC)
Lower Limits:1.1
Upper Limits:6.1
Extinguishing Media:WATER,FOG,FOAM & CARBON DIOXIDE
Fire Fighting Procedures:BLANKET FLAME W/EXTINGUISHING MEDIA

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Accidental Release Measures =====

Spill Release Procedures:REMOVE OPEN FLAME,SPARKS,HOT SURFACES & OXIDIZING MATLS. CLEAN UP W/ABSORBENT DILUENT. AVOID BREATHING VAPORS OR SKIN CONT. USE PROTECTIVE MEASURES OUTLINED UNDER SPECIAL PROT

SECTION INFO.

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

Handling and Storage Precautions:WHEN NOT IN USE,AVOID CONTAM,KEEP
CNTNRS CLOSED. KEEP POLYESTER/STYRENE PORTION AWAY FROM
IGNITION,HEAT & OPEN FLAME. (SEE OTHR PRECAUTNS)

Other Precautions:PROD SHOULD BE STORED BELOW 85F TO AVOID SPOILAGE.
PROT GLOVES: NEOPRENE/NON-SOLUBLE PLASTIC. HANDLING & STORING:
CATALYST PORTION SHOULD BE KEPT AWAY FROM ANILINE
CMPDS,HEAT,FLAME,HIGH TEMPS.

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Exposure Controls/Personal Protection =====

Respiratory Protection:WHERE REQUIRED,NIOSH/MSHA APPRVD ORGANIC VAPOR
CANNISTER UNITS.

Ventilation:LOC EXHAUST-GOOD NATURAL VENT. GENERAL MECHANICAL-DOWN
DRAFT

Protective Gloves:SEE OTHR PRECAU

Eye Protection:CUP-TYPE CHEM SFTY GOGGLE

Other Protective Equipment:FREQUENTLY CLEAN PROTECTIVE
CLOTHING,SHOES,ETC.

Supplemental Safety and Health

HAZRD INGREDIENTS: MAGNESIUM & BOROSILICATE,40.5%. BOILING PT: GIVEN
FOR STYRENE,146C.

EFFECTS OF OVEREXP: CAN BE SOMEWHAT ANESTHETIC.

STYRENE VAP GENERATN OF POLYESTER RESINS RARELY >200 PPM.

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

HCC:F3

Boiling Pt:B.P. Text:295F STYREN

Spec Gravity:0.96

Evaporation Rate & Reference:1.0 (BU AC)

Solubility in Water:INSOLUBLE

Appearance and Odor:PASTE FORM W/ODOR OF STYRENE

Percent Volatiles by Volume:17

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

Stability Indicator/Materials to Avo

id:YES

Stability Condition to Avoid:OPEN FLAME,HEAT,HIGH TEMPS &
CONTAMINATION.

Conditions to Avoid Polymerization:OPEN FLAME,HEAT,OXIDIZING AGENTS

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

Waste Disposal Methods:USE EITHER APPROVED SANITARY LANDFILL OR
INCINERATION. DONT INCINERATE CLOSED CONTAINERS. WASTE DISPOSAL
MUST BE IAW FEDERAL, STATE & LOCAL REGULATIONS.

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