

ENGINEERED FABRICS CORPORATION -- 5957C, CROSS-LINKER, (SEE SUPPL.) --  
1560-01-252-4991

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

Product ID:5957C, CROSS-LINKER, (SEE SUPPL.)

MSDS Date:01/01/1999

FSC:1560

NIIN:01-252-4991

Status Code:A

Kit Part:Y

MSDS Number: CLGJC

=== Responsible Party ===

Company Name:ENGINEERED FABRICS CORPORATION

Address:669 GOODYEAR STREET

Box:548

City:ROCKMART

State:GA

ZIP:30153

Co

Country:US

Info Phone Num:706-684-7855

Emergency Phone Num:(800)424-9300

Preparer's Name:WILLIAM R. RITTER

Chemtec Ind/Phone:(800)424-9300

CAGE:56221

=== Contractor Identification ===

Company Name:AERO HARDWARE AND PARTS CO INC

Address:130 BUSINESS PARK DRIVE

Box:City:ARMONK

State:NY

ZIP:10504

Country:US

Phone:914-273-8550

CAGE:4A766

Company Name:ENGINEERED FABRICS CORPORATION

Address:669 GOODYEAR STREET

Box:548

City:ROCKMART

State:GA

ZIP:30153

Country:US

Phone:706-684-7855

CAGE:56221

=====

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

Ingred Name:DIETHYLTOLUENEDIAMINE

CAS:68479-98-1

Minumum % Wt:50.

Maxumum % Wt:55.

Ingred Name:2-BUTANONE

CAS:78-93-3

RTECS #:EL6475000

Minumum % Wt:45.

Maxumum % Wt:50.

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

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

Health Hazards Acute and Chronic:ACUTE: CONTACT WITH THE EYE CAN CAUSE

SEVERE IRRITATION, REDNESS, TEARING AND BLURRED VISION. PROLONGED EXPOSURE MAY CAUSE SKIN IRRITATION. CHRONIC: IN RARE INSTANCES, SENSITIZATION TO DIETHYLTOLUENED IAMINE HAS BEEN REPORTED TO OCCUR IN HUMANS. A TWO YEAR FEEDING STUDY IN RATS SHOWED DETDA CAUSED EFFECTS IN THE PANGREAS, LIVER, THYROID, AND EYES. AN INCREASE IN THE NUMBER OF TUMERS IN THE LIVER AN D THYROID OF MALE RATS AND IN THE LIVER AND POSSIBLY MAMMARY GLANDS OF FEMALE RATS WAS FOUND.

Effects of Over

exposure:EYE CONTACT: SEVERE IRRITATION, REDNESS, TEARING AND BLURRED VISION. SKIN CONTACT: IRRITATION. IN RARE INSTANCES, SENSITIZATION TO DIETHYLTOLUENEDIAMINE HAS BEEN REPORTED TO OCCUR IN HUMANS

Medical Cond Aggravated by Exposure:PRE-EXISTING EYE, SKIN, OR RESPIRATORY DISORDERS MAY BE AGGRAVATED DUE TO EXPOSURE TO THIS PRODUCT.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF BREATHING DIFFICULT, AD

MINISTER OXYGEN. IF BREATHING STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP WARM, QUIET, GET MEDICAL ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION. SKIN: WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRY BEFORE REUSE. INGESTION: GIVE TWO GLASSES OF WATER AND INDUCE VOMITING BY STICKING FINGER DOWN THROAT. CALL PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

N.

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

Flash Point Method:CC

Flash Point:=-8.7C, 16.F

Lower Limits:1.4@200F,MEK

Upper Limits:11.4, MEK

Extinguishing Media:ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:TOXIC GASES AND VAPORS MAY BE RELEASED BY THERMAL DECOMPOSITION. FIREFIGHTERS SHOULD USE A SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE UNDER POSITIVE PRESSURE.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND

MAY

TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION AND BE IGNITED AT LOCATIONS DISTANT FROM THE MATERIAL HANDLING POINT.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. VENTILATE AREA. WEAR PERSONAL PROTECTIVE EQUIPMENT. DIKE OR CONTAIN SPILL WITH ADSORBANT OR OTHER MATERIAL. DO NOT ALLOW SPILL TO DISCHARGE INTO STORM OR SANITARY SEWER. PUMP OR BAIL MATERIAL BACK INTO ORIGINAL CONTAINER OR

CLEAN, EMPTY CONTAINER OF SAME SPECIFICATION. ALL CLEANING MATERIALS AND WASTE PRODUCT ARE HAZARDOUS WASTE. EPA RCRA ID NO. D001, F005 (40 CFR 261).

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

Handling and Storage Precautions:THE STORAGE AREA SHOULD BE WELL VENTILATED. STORE AWAY FROM SOURCES OF HEAT AND OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE.

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

Respiratory Protection:IF W

WORKPLACE CONCENTRATIONS EXCEED THE RECOMMENDED TLV'S, USE A NIOSH/MSHA-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORDANCE WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS.

Ventilation: PROVIDE ADEQUATE EXPLOSION-PROOF VENTILATION TO MAINTAIN VAPORS BELOW THE TLV'S.

Protective Gloves: BUTYL

Eye Protection: CHEMICAL GOGGLES. CONTACT LENSES SHOULD NOT BE WORN.

Other Protective Equipment: WEAR IMPERVIOUS PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.

Supplemental Safety and Health

THIS ENTRY DESCRIBES SECOND PART, SERIAL NUMBER "CLGJC, 5957C, CROSS-LINKER", OF A TWO PART KIT, TRADE NAME 82C32 KIT, POLYURETHANE CEMENT. SEE THIS SAME NSN, SERIAL NUMBER "CLGJB, PART 82C31, POLYURETHANE CEMENT BASE" FOR DATA ON SECOND PART OF KIT.

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

HCC:F2

Boiling Pt: B.P. Text: NA

Melt/Freeze Pt: M.P/F.P Text: NA

Vapor Pres: NE

Vapor Density:

NE

Spec Gravity: 0.90

pH: NA

VOC Grams/Liter: 3.76

Solubility in Water: SOLUBLE IN WATER.

Appearance and Odor: CLEAR LIQUID, AMINE ODOR.

Percent Volatiles by Volume: 56

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: KEEP AWAY FROM HEAT AND OPEN FLAMES.

Hazardous Decomposition Products: CO, CO2, NOX.

===== Ecological Information =====

Ecological: EP

A RCRA ID NUMBER: D001,F005 REFERENCE 40 CFR 261.

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

Waste Disposal Methods:COMPLY WITH ALL FEDERAL, STATE, LOCAL LAWS, AND REGULATIONS APPLICABLE TO PACKAGING, MANIFESTING, TRANSPORTING, AND DISPOSING OF HAZARDOUS WASTE. EPA RCRA ID NUMBER: D001, F005 REFERENCE 40 CFR 261.

===== MSDS Transport Information =====

Transport Information:DOT SHIPPING NAME: FLAMMABLE LIQUID, N.O.S., (METHYL ETHYL KETONE). TECHNICAL SHIPPING NAME: 5957C. DOT HAZARD CLASSIFICATION: FLAMMABLE LIQUID. FREIGHT CLASSIFICATION: CHEMICALS, N.O.I. , NMFC-100, ITEM # 43940 SUB. 2. UN 1993; HAZARDOUS CLASS: 3, PG II; DOT LABELS REQUIRED: FLAMMABLE LIQUID. ERG #: 128. EPA/DOT HAZARDOUS SUBSTANCES RQ: YES (METHYL ETHYL KETONE 5000 LBS.)

===== Regulatory Information =====

SARA Title III Information:SARA SECTION 313: METHYL ETHYL KETONE (2-BUTANONE), REPORTABLE; RQ = 5000 LBS.  
State Regulatory Information:

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.