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

Product ID:STEPANFOAM G-506-T

MSDS Date:07/21/1987

FSC:9330

NIIN:01-006-5310

Kit Part:Y

MSDS Number: BGCTZ

=== Responsible Party ===

Company Name:STEPAN COMPANY

Address:22 W. FRONTAGE RD

City:NORTHFIELD

State:IL

ZIP:60093-3407

Country:US

Info Phone Num:312-446-7500

Emergency Phone Num:1-800-228-5635/312-446-7500

CAGE:87570

=== Contractor Identification ===

Company Name:

STEPAN COMPANY

Address:EDENS EXPY WINNETKA RD

Box:City:WINNETKA

State:IL

ZIP:60093

Country:US

Phone:800-228-5635, CHEMTREC 800-424-9300

CAGE:87570

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

Ingred Name:TOLUENE-2,4-DIISOCYANATE (TDI) (SARA III)

CAS:584-84-9

RTECS #:CZ6300000

Fraction by Wt: 75.0%

OSHA PEL:C,0.02 PPM/0.02 STEL

ACGIH TLV:0.005PPM/0.02STEL;93

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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

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Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES  
Reports of Carcinogenicity: NTP: YES IARC: YES OSHA: YES  
Health Hazards Acute and Chronic: ACUTE: SEE SIGNS AND SYMPTOMS OF  
OVEREXPOSURE. CHRONIC: NOT ESTABLISHED.  
Explanation of Carcinogenicity: TOLUENE DIISOCYANATE IS A SUSPECTED  
HUMAN CARCINOGEN.

Effects of

Overexposure: EYE: PAIN, IRRITATION; SKIN: IRRITATION; INHALATION: MIST  
MAY IRRITATE NASAL PASSAGE; INGESTION: NAUSEA, ABDOMINAL PAIN.

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First Aid Measures

First Aid: EYES: FLUSH WITH PLENTY OF WATER; SKIN: REMOVE CONTAMINATED  
CLOTHING. WASH OFF WITH WATER; INHALATION: REMOVE TO FRESH AIR. GIVE  
CPR/OXYGEN IF NEEDED; INGESTION: SEE DOCTOR IMMEDIATELY.

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Fire Fighting Measures

Flash Point Method: SCC  
Flash Point: >200F/93C  
Lower Limits: 1.0  
Extinguishing Media: WATER SPRAY, FOAM, CARBON DIOXIDE, DRY CHEMICAL  
EXTINGUISHER  
Fire Fighting Procedures: WEAR SCBA AND PROTECTIVE CLOTHING  
Unusual Fire/Explosion Hazard: ONE IGNITED, THESE FOAMS MAY BURN RAPIDLY  
& PRODUCE INTENSE HEAT, DENSE SMOKE & IRRITANT TOXIC GASES.

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Accidental Release Measures

Spill Release Procedures: SOAK UP WITH ABSORBENT. SHOWER INTO APPROPRIATE  
WASTE CONTAINER. FLUSH AREA WITH WATER. (1% AMMONIA MAY BE USED TO  
NEUTRALIZE SPILLS). (SPILLED MATERIAL IS SLIPPERY)  
Neutralizing Agent: 1% AMMONIA.

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Handling and Storage

Handling and Storage Precautions: STORE IN COOL, DRY WELL VENTILATED  
AREA, AWAY FROM HEAT, IGNITION SOURCES AND STRONG OXIDIZING AGENTS.  
Other Precautions: DO NOT POUR INTO DRAINS, AS SOLIDS THAT FORM WILL PLUG  
SEWERS.

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Exposure Controls/Personal Protection

Respiratory Protection: IF AVOIDANCE IS NOT FEASIBLE, USE NIOSH/MSHA APPROVED  
RESPIRATOR FOR ORGANIC VAPORS, AIR-LINE RESPIRATOR OR SCBA.  
Ventilation: MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST TO KEEP BELOW  
TLV.  
Protection

tive Gloves:IMPERVIOUS

Eye Protection:FULL FACE SHIELD OR GOGGLES.

Other Protective Equipment:WEAR PROTECTIVE CLOTHING TO PREVENT REPEATED OR PROLONGED CONTACT. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.REMOVE AND LAUNDRER CONTAMINATED CLOTHING.

Supplemental Safety and Health

KIT CONSISTS OF 2 PARTS. FOR OTHER PART, SEE PNI A, SAME NSN.

KEY1:T3.

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

HCC:T3

Boiling Pt:B

.P. Text:>200F/93C

Vapor Density:>AIR

Spec Gravity:1.22

Appearance and Odor:YELLOW LIQUID W/SWEET,FRUITY,PUNGENT ODOR.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS,WATER,ALCOHOLS, AMINES, ALKALIES,METAL CMPDS.

Stability Condition to Avoid:EXPOSURE TO INTENSE HEAT SOURCES

Hazardous Decomposition Products:CYANIDES & AMMONIA MAY BE FORMED.

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

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Waste Disposal Methods:DISPOSE IN A PERMITTED LANDFILL IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,STATE AND LOCAL REGULATIONS.

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