

STEPAN COMPANY -- STEPANFOAM G-506-T -- 9330-01-006-5310

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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:NAUSE  
A,ABDOMINAL PAIN.

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

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Fire Fighting Measures  
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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 MOKE & IRRIT TOXIC GASES.

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Accidental Release Measures  
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Spill Release Procedures:SOAK UP WITH ABSORBANT.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  
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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  
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Respiratory Protection:IF AVOID ARE PRESENT,USE NIOSH/MSHA APPROVED  
RESPIRATOR FOR ORGANIC VAPORS,AIR-LINE RESPIRATOR OR SCBA.  
Ventilation:MECHANI

CAL (GENERAL) AND/OR LOCAL EXHAUST TO KEEP BELOW  
TLV.

Protective 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  
LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health

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

KEY1:T3.

===== Physi  
cal/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 =====

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

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