

BOSTIX INC -- BOSCODUR 5 (SOLVENT BASED CURING AGENT) -- 5430-01-352-6072

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

Product ID:BOSCODUR 5 (SOLVENT BASED CURING AGENT)

MSDS Date:10/04/1994

FSC:5430

NIIN:01-352-6072

Kit Part:Y

MSDS Number: CFLFT

=== Responsible Party ===

Company Name:BOSTIX INC

Address:BOSTON ST

City:MIDDLETON

State:MA

ZIP:01949

Country:US

Info Phone Num:508-777-0100

Emergency Phone Num:80

0-227-0332

Preparer's Name:D.C. MOLBERG

CAGE:5W425

=== Contractor Identification ===

Company Name:BOSTIK INC.

Address:211 BOSTON ST

Box:City:MIDDLETON

State:MA

ZIP:01949

Country:US

Phone:978-777-0100/800-227-0332

CAGE:5W425

Company Name:TEXAS BOOM COMPANY, INC

Address:5911 HAMBLEN DR.

Box:UNKNOWN

City:HUMBLE

State:TX

ZIP:77396-3216

Country:US

Phone:281-441-2002

CAGE:0LAM3

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

Ingred Name:POLYMETHYLENE POLYPHENYLENE POLYISOCYANATE

CAS:9016-87-9
RTECS #:TR0350000
Fraction by Wt: 22.2%
Other REC Limits:NONE RECOMMENDED

Ingrid Name:METHYLENE BISPHENYL ISOCYANATE (MDI) (SARA 313)
CAS:101-68-8
RTECS #:NQ9350000
Fraction by Wt: 20.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 0.02 PPM
ACGIH TLV:0.005 PPM; 9596
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingrid Name:2,2'-DIPHENYLMETHANE DIISOCYANATE
CAS:2536-05-2
Fraction by Wt: 2.2%
Other REC Limits:NONE RECOMMENDED

Ingrid Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERC
LA)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 55.7%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM/300STEL;9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:SKIN, CNS, HEART, LUNG,
LIVER, KIDNEY. A
CUTE- EYE:MAY CAUSE IRRITATION, TEARING.
SKIN:IRRITATION & DEFATTING. INHALE:CNS DEPRESSION, UPPER
RESPIRATORY TRACT IRRITATION, NARCOSIS. ORAL:CN S DEPRESSION,
NARCOSIS. ASPIRATION HAZARD. CHRONIC- MAY CAUSE DERMATITIS, CNS
PROBLEMS, KIDNEY & LIVER DAMAGE.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, TEARING, BLURRED VISION, DEFATTING,
HEADACHE, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, VOMITING, DIARRHEA,
CONFUSION, DIFFICULTY IN BREATHING, INCOOR

DINATION, NARCOSIS

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER.
ORAL:CALL A PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:CC
Flash Point:17.0F,-8.3C
Lower Limits:1.80
Upper Limits:11.40
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND RESPIRATOR
NFPA-RATED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT MATERIAL SUCH AS SAND. PLACE IN CONTAINER FOR DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS OR DRAINAGE AREAS.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL (60-80F), VENTILATED AREA AWAY FROM SOURCES OF IGNITION & INCOMPATIBLE MATERIALS. BOND AND GROUND CONTAINERS WHEN TRANSFERRING LIQUID.
Other Precautions:FLAMMABLE. "EMPTY" CONTAINERS

AINERS MAY RETAIN RESIDUE AND
CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER OR
DRILL. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING VAPORS. DO
NOT GET IN EYE, O N SKIN OR ON CLOTHING. AVOID DIRECT SUN.

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

Respiratory Protection:IF ENGINEERING CONTROLS ARE INADEQUATE TO
CONTROL VAPOR CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A
NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR SHOULD BE WORN. IN
EMERGENC
Y, WEAR NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS.
Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves:NEOPRENE, NITRILE
Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.
Work Hygienic Practices:USE GOOD PERSONAL HYGIENE PRACTICES. LAUNDER
CONTAMINATED CLOTHING BEFORE WEAR
ING.

Supplemental Safety and Health

THERE ARE TWO PRODUCTS FOR THIS ADHESIVE: 1- BOSTIK ADH 7119M (SOLVENT
BASED ADHESIVE) & 2- BOSCODUR 5 (SOLVENT BASED CURING AGENT)

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

HCC:F2
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:176F,80C
Decomp Temp:Decomp Text:NOT KNOWN
Vapor Pres:78
Vapor Density:2.49
Spec Gravity:0.95
Evaporation Rate & Reference:5.7 (N-BUTYL ACETATE=1)
Solubility in Water:15.0%
Appearance and Odor:A
BLACK COLORED LIQUID WITH KETONE ODOR.
Percent Volatiles by Volume:55.7

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, HALOGENS, STRONG BASES, STRONG ACIDS, AMINES,
AMMONIA
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE MAY BE
FORMED.

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

Waste

Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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