

BOSTIK INC -- BOSCODUR 5, 1 GAL CAN, ADHESIVE COMPONENT #2 -- 5430-01-359-1078

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Product Identification
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Product ID:BOSCODUR 5, 1 GAL CAN, ADHESIVE COMPONENT #2

MSDS Date:04/24/1995

FSC:5430

NIIN:01-359-1078

Status Code:A

Kit Part:Y

MSDS Number: CKGZR

=== Responsible Party ===

Company Name:BOSTIK INC

Address:211 BOSTON ST

City:MIDDLETON

State:MA

ZIP:01949

Country:US

Info Phone Num:508-77

7-0100

Emergency Phone Num:800-227-0332

Resp. Party Other MSDS Num.:171801

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:UNKNOW

City:HUMBLE

State:TX

ZIP:77396-3216

Country:US

Phone:281-441-2002

Contract Num:SP0560-00-M-4270

CAGE:0LAM3

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Composition/Infor

mation on Ingredients =====

Ingred Name:POLYMETHYLENE POLYPHENYL ISOCYANATE
CAS:9016-87-9
RTECS #:TR0350000
= Wt:22.2

Ingred Name:4,4'-DIPHENYLMETHANE DIISOCYANATE (MDI)
CAS:101-68-8
RTECS #:NQ9350000
= Wt:20.
OSHA PEL:C0.2 MG/M3;C0.02 PPM
ACGIH TLV:0.055 MG/M3;.005 PPM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:DIPHENYLMETHANE DIISOCYANATE (2,2'), (CAS# 2536-05-2)
= Wt:2.2
ACGIH TLV:0.055 MG/M3

Ingred Name:METHYL ETHYL KETONE, (MEK, 2-BUTANONE)
CAS:78-93-3
RTECS #:EL6475000
= W
t:55.7
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 =====

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYES: IRRITATION. SKIN:
IRRITATION. ABSORPTION: NO HAZARD KNOWN AT THIS TIME. INHALATION:
HAZARDOUS IF INHALED. INGESTION: NO HAZARD KNOWN AT THIS TIME.
CHRONIC: LONG TERM OVEREXPOSURE TO THE
HAZARDOUS MATERIALS IN THIS
PRODUCT HAVE BEEN ASSOCIATED WITH ASTHMA, CENTRAL NERVOUS SYSTEM
PROBLEMS, LUNG IMPAIRMENT, POSSIBLE RESPIRATORY SENSITIZATION.
TARGET ORGANS: CENTRAL NERVOUS SYSTEM, EYES, RESPIRATORY SYSTEM,
LUNGS.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT
EXCEEDING A CONCENTRATION LIMIT OF 0.1% ARE ON THE IARC, NTP, OR
OSHA LISTS OF CARCINOGENIC HAZARDS.

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION. INHALATION

/ INGESTION: SORE THROAT, BREATHLESSNESS, CHEST PAIN, COUGHING, SENSITIZER, NAUSEA, DIARRHEA, VOMITING, NARCOSIS. LONG TERM OVEREXPOSURE TO THE HAZARDOUS MATERIALS IN THIS PRODUCT HAVE BEEN ASSOCIATED WITH ASTHMA, CENTRAL NERVOUS SYSTEM PROBLEMS, LUNG IMPAIRMENT, POSSIBLE RESPIRATORY SENSITIZATION.

Medical Cond Aggravated by Exposure:BRONCHIAL HYPERACTIVITY, ASTHMA.

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

First Aid:INHALATION: IF INHALED REMOVE T

O FRESH AIR. IF NOT BREATHING

GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH TO MOUTH. IF

BREATHING IS DIFFICULT GIVE OXYGEN. CALL A PHYSICIAN. CONTACT: IN

CASE OF CONTAC T, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR

AT LEAST 15 MINUTES. CALL A PHYSICIAN. IN CASE OF FIRE USE

EXTINGUISHING AGENTS RECOMMENDED.

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

Flash Point Method:CC

Flash Point:=-8.3C, 17.F

Autoignition Temp:=-515.C, 959.F

Autoignition Temp

Text:VAPORS

Lower Limits:1.80

Upper Limits:11.40

Extinguishing Media:WATER SPRAY, FOAM, DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS,
PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:FOAMS WITH WATER.

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

Spill Release Procedures:WARNING EXTREMELY FLAMMABLE! ELIMINATE ALL SOURCES OF IGNITION. SOAK UP LIQUID WITH AN ABSORBENT MATERIAL SUCH AS SAND, EARTH, SWEEPING COMP

OUND OR SOME OTHER ABSORBENT MATERIAL.

PACKAGE ABSORBENT MAT ERIAL OR SOLID PRODUCT IN STEEL DRUMS WHICH ARE IN GOOD CONDITION. THOROUGHLY CLEAN AREA WHERE SPILL OCCURRED.

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

Handling and Storage Precautions:STORE IN A COOL LOCATION (60 -80F)

AWAY FROM SUNLIGHT AND ANY SOURCE OF HEAT, SPARKS OR FLAME. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT BEING USED.

Other Precautions:USE WITH ADEQUATE VENTILATION, AVOID PROLONGE

D OR
REPEATED BREATHING OF VAPORS. AVOID SKIN CONTACT. USE IN AN AREA
FREE FROM FLAME AND SPARKS.

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

Ventilation:LOCAL EXHAUST IS PREFERRED TO KEEP VAPORS/PARTICULATES
BELOW THE TLV VALUE. MECHANICAL AREAWIDE IS ACCEPABLE.

Protective Gloves:NEOPRENE RUBBER, NITRILE, IMPERVIOUS PLASTICL

Eye Protection:SAFETY GLASSES ARE RECOMMENDED.

Other Protective Equipment:SAFETY SHOWER AND EYE BATH.

Supplemental Safety and Health

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HIS ENTRY DESCRIBES COMPONENT #2 OF A THREE PART KIT. SEE THIS SAME
NSN 5430-01-359-1078 COMPONENT #1 AND COMPONENT #3 FOR DESCRIPTION
OF THE OTHER TWO KIT PARTS.

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

HCC:F2

Boiling Pt:=80.C, 176.F

Vapor Pres:78

Vapor Density:2.49

Spec Gravity:0.95 (7.92 LBS/GAL)

Evaporation Rate & Reference:5.7 (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 OXIDIZERS, HALOGENS, ALKALIS, STRONG MINERAL ACIDS, ACIDS,
ALCOHOLS, AMINES, DETERGENTS, AMMONIA, WATER.

Hazardous Decomposition Products:UNKNOWN. FUMES FROM COMPLETE OR
INCOMPLETE COMBUSTION MAY INCLUDE CARBON DIOXIDE, CARBON MONOXIDE,
WATER VAPOR, OXIDES OF NITROGEN, VAARIETY OF INNOCUOUS OR TOXIC
FUMES INCLUDING TOLUENE DIISOCYANATE.

Conditions

to Avoid Polymerization: CAN OCCUR WITH MOISTURE AND OTHER ISOCYANATE REACTIONS.

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

Ecological: WASTE DISPOSAL: THIS PRODUCT IF UNALTERED OR MIXED WITH OTHER MATERIALS, CONTAINS THE FOLLOWING CONTAMINANTS LISTED IN 40 CFR PART 261.24, TOXICITY CHARACTERISTIC THAT EXCEEDS MAXIMUM ALLOWABLE CONCENTRATIONS AND THEREFORE IS A HAZARDOUS WASTE: D035 METHYL ETHYL KETONE, 55.1%. IT IS ALSO D001 CHARACTERISTIC IGNITABLE WASTE. IF PRODUCT HAS BEEN ALTERED, PARTICULARLY TO THE POINT WHERE FILTERABLE SOLIDS ARE PRESENT AT OVER A 0.5% LEVEL, CLASSIFICATION IS A COMPLEX ISSUE AND DEPENDS ON THE LEVEL OF CONTAMINANTS IN THE LIQUID PORTION COMBINED WITH AN EXTRACT OF THE SOLID PORTION.

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL RULES. BE AWARE THAT STATE AND LOCAL REQUIREMENTS MAY DIFFER WIDELY DEPENDING ON LOCATION AND MAY IN MANY CASES BE DIFFERENT FROM FEDERAL RULES. SEE ECOLOGICAL SCREEN FOR ADDITIONAL WASTE DISPOSAL INFORMATION.

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

SARA Title III Information: THIS MSDS MEETS THE REPORTING REQUIREMENTS OF SARA SECTION 313 AND 40 CFR 372.

State Regulatory Information: CALIFORNIA PROPOSITION 65: INGREDIENTS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER: NONE. INGREDIENTS KNOWN TO THE STATE OF CALIFORNIA TO BE REPRODUCTIVE TOXINS: NONE.

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