

BOSTIK -- ADH 1142A, 399601 -- 8040-01-124-2262

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

Product ID:ADH 1142A, 399601

MSDS Date:05/12/1986

FSC:8040

NIIN:01-124-2262

MSDS Number: BXFSH

=== Responsible Party ===

Company Name:BOSTIK

Address:BOSTON ST

City:MIDDLETOWN

State:MA

ZIP:01949

Country:US

Info Phone Num:508-777-0100

Emergency Phone Num:508-777-0100

Preparer's Name:A.L. SARGEN

CAGE:60775

=== Contrac

tor Identification ===

Company Name:BOSTIK

Address:BOSTON ST

City:MIDDLETON

State:MA

ZIP:01949

Country:US

Phone:508-777-0100

CAGE:60775

Company Name:USM CORP SUB OF EMHART INDUSTRIES INC BOSTIK DIV

Address:BOSTON ST

Box:City:MIDDLETON

State:MA

ZIP:01949

Country:US

Phone:508-777-0100

CAGE:70707

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

Ingred Name:ACETONE; (DIMETHYL KETONE) (SARA 313) (CERCLA)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 36.7%

OSHA PEL:1000 PPM

ACGIH

TLV:750 PPM; 1000 STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:HEXANE; (N-HEXANE) (CERCLA)
CAS:110-54-3
RTECS #:MN9275000
Fraction by Wt: 30.4%
OSHA PEL:500 PPM
ACGIH TLV:50 PPM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:MAGNESIUM OXIDE; (MAGNESIA)
CAS:1309-48-4
RTECS #:OM3850000
Fraction by Wt: 1.2%
OSHA PEL:15 MG/M3 PARTICULATE
ACGIH TLV:10 MG/M3; FUME

Ingred Name:TOLUENE; (TOLUOL) (SARA 313) (CERCLA)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 9%
OSHA PEL:200 PPM
ACGIH
TLV:50 PPM, S
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:LD50: (ORAL) 50-500 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:HAZARDOUS IF INGESTED OR INHALED.
IRRITATION OF EYES, NOSE AND THROAT, HEADACHE, NAUSEA. HIGH
EXPOSURE - NARCOSIS. CHRONIC: TOLUENE APPEARS ON NAVY LISTING OF
OCCUPATIONAL C
HEMICAL REPRODUCTIVE HAZARD S. SEEK CONSULTATION FROM
APPROPRIATE HEALTH PROFESSIONALS CONCERNING LATEST HAZARD LIST INFO
& SAFE (EFT OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ: HANDLING & EXPOSURE INFO . LONG TERM
OVEREXPOSURE TO TOLUENE HAS BEEN ASSOCIATED WITH KIDNEY & LIVER
DAMAGE.
Medical Cond Aggravated by Exposure:INGESTION, INHALATION, CONTACT.

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

First Aid:SK

IN: FLUSH W/COPIOUS AMOUNTS OF WATER. CALL MD . INGEST:
CALL MD. ATTENDING MD MUST DECIDE WHETHER OR NOT TO INDUCE VOMITING
BASED ON EVALUATION OF PATIENT. INHAL: REMOVE TO FRESH AIR. IF NOT
BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH TO MOUTH.
IF BREATHING IS DIFFICULT GIVE OXYGEN. CALL MD. EYES: IMMEDIATELY
FLUSH EYES W/PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL MD.

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

Flash Point Method:CC

Flash Point:-18F,-28C

Lower Limits:1.62%

Upper Limits:9.99%

Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE, FLOOD WITH
WATER.

Fire Fighting Procedures:USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP.
PROC FOR CHEM FIRE. SPRAY CNTNRS INVOLVED IN FIRE BUT NOT
THEMSELVES ON FIRE, W/WATER TO MINIMIZE (SUPDAT)

Unusual Fire/Explosion Hazard:MATERIAL IS HIGHLY VOLATILE & READILY
GIVES OFF VAPORS WHICH MAY TRAVEL ALONG GROUND OR BE MOVED BY
VENTILATION & IGNITED BY VARIOUS SOURCES OF IGNITION.

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

Spill Release Procedures:IF LIQUID, SOAK UP W/ABSORBENT MATERIAL SUCH
AS SAND, EARTH, SWEEPING COMPOUND OR SOME OTHER ABSORBENT MATERIAL.
PACKAGE ABSORBENT MATERIAL OR SOLID PRODUCT IN STEEL DRUMS WHICH
ARE IN GOOD CONDITION. THOROUGHLY CLEAN AREA WHERE SPILL OCCURRED.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and

Storage Precautions:STORE IN COOL LOCATION (60-80F) AWAY
FROM SUNLIGHT & ANY SOURCES OF HEAT, SPARKS OR FLAME. KEEP
CONTAINER TIGHTLY CLOSED WHEN NOT BEING USED.

Other Precautions:USE WITH ADEQUATE VENTILATION. AVOID PROLONGED OR
REPEATED BREATHING OF VAPORS. AVOID SKIN CONTACT. USE IN AN AREA
FREE FROM FLAME AND SPARKS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE
FOR EXPOSURE O

F CONCERN .

Ventilation:LOCAL EXHAUST IS PREFERRED. MECHANICAL EXHAUST IS ACCEPTABLE.

Protective Gloves:IMPERVIOUS PLASTIC.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:SAFETY SHOWER AND EYE BATH.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRE FIGHT PROC: RUPTURE. IF WATER IS USED, FLOOD AREA W/WATER AS ACETONE IS FULLY WATER SOLUBLE & AS LITTLE AS 2.5% ACETONE IN WATER WILL BURN. HAZ DECOMP PROD: CARBON MON

OXIDE, WATER VAP, OXIDES OF

NITROGEN OR WIDE VARIETY OF INNOCUOUS/TOX FUMES. HYDROGEN CHLORIDE MAY ALSO BE FORMED.

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

Boiling Pt:B.P. Text:>133F,>56C

Vapor Pres:140

Vapor Density:2.54

Spec Gravity:0.82

Solubility in Water:37.2%

Appearance and Odor:AN OFF-RED COLORED LIQUID WITH A KETONE ODOR.

Percent Volatiles by Volume:85.4

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

Stability Indicator/Materi

als to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:UNKNOWN DUE TO COMPLEX NATURE OF MATL. FUMES FROM COMPLETE/INCOMPLETE COMBUST OF MATL MAY INCL CARBON DIOXIDE, (SUPDAT)

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

Waste Disposal Methods:DISP OF I/A/W FED, STATE & LOC REGS. BE AWARE THAT STATE & LOC REQS MAY DIFFER WIDELY DEPENDING ON LOCATION & IN MANY CASES BE DIFFERENT FROM

FED RULES. WHEN INTENDING TO DISP OF

MATL, USER IS ADVISED THIS WOULD BE CLASSIFIED AS HAZ UNDER FED
REGS.

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