

AMERICAN MIL SPEC SUPPLY -- BONDMASTER E645 PART 1, 84-6451 -- 8040-00-142-9910

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

Product ID:BONDMASTER E645 PART 1, 84-6451

MSDS Date:03/14/1990

FSC:8040

NIIN:00-142-9910

MSDS Number: BVGHB

=== Responsible Party ===

Company Name:AMERICAN MIL SPEC SUPPLY

Address:125 MACQUESTEN PKWY SOUTH

City:MOUNT VERNON

State:NY

ZIP:10550

Country:US

Info Phone Num:914-669-9712

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ergency Phone Num:914-669-9712

CAGE:0TRU3

=== Contractor Identification ===

Company Name:AMERICAN MIL SPEC SUPPLY

Address:125 MACQUESTEN PKWY SOUTH

Box:City:MOUNT VERNON

State:NY

ZIP:10550

Country:US

Phone:914-669-9712

CAGE:0TRU3

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

Ingred Name:EPOXY RESIN. LD50:(ORAL,RAT) 11.4 G/KG.

CAS:25085-99-8

Fraction by Wt: >1%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:ETHANOL, 2-METHOXY-; (METHYL CELLOSOLVE (ETHYLENE GLYCOL
MONOMETHY

L ETHER)) (SARA III). LD50:(ORAL,RAT) 2.5-3.4 G/KG.

CAS:109-86-4

RTECS #:KL5775000

Fraction by Wt: 23%

OSHA PEL:25 PPM, S

ACGIH TLV:5 PPM, S

Ingred Name:VOLATILE ORGANIC COMPOUNDS. %: 2.14 LB/GAL (257 G/L).

RTECS #:9999999VO

Fraction by Wt: SEE ING

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:SUPDAT:CELLOSOLVE APPEARS ON NAVY LIST OF OCCUP CHEM REPRO
HAZS. SEEK CONSULTATION FROM APPROP HLTH PROFESSIONALS(ING 5)

RTECS #:9999999ZZ

Ingred Name:ING 4:CONCERNING LATEST HAZARD LIST INFO & SAFE HAND
LING &

EXPOSURE INFO .

RTECS #:9999999ZZ

Ingred Name:FIRST AID PROC:PROMPT MED ATTN. DO NOT ATTEMPT TO GIVE
ANYTHING BY MOUTH TO DROWSY/UNCONSCIOUS PERSON.

RTECS #:9999999ZZ

Ingred Name:EYE PROT:FULL LENGTH FACE SHIELD .

RTECS #:9999999ZZ

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

LD50 LC50 Mixture:SEE INGREDIENTS.

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUT

E:EYE:IRRITATING, BUT DOES NOT

INJURE TISS. SKIN:FREQUENT/PRLNG CONT MAY IRRITATE & CAUSE DERM.

INHAL:BASED ON ITS LOW VOLATILITY, PROD IS NOT CONSIDERED TO BE
RESP HAZ UNDER NORMAL CNDTNS OF USE. IRRITATING &/OR TOX VAPS MAY
BE RELS AT ELEVATED TEMPS. INGEST:IRRITATING TO MOUTH, THROAT &
STOM. MAY(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:CAUSE GASTRIC TRACT DISORDER &/OR DMG.

CHRONIC:EYE CONT MAY CAUSE CONJ; RPTD/PRLN

G SKIN CONT MAY CAUSE
SENSIT DERM. TARGET ORGANS:SKIN; EYES. ING 1:DERMAL TOX:PRLNG/RPTD
CONT MAY CAUSE DERM/S ENSIT. MOD SKIN IRRIT. EYE:MOD IRRIT. ING
2:ORAL TOX:SLIGHTLY TOX. DERMAL TOX:MAY BE ABSORBED THRU SKIN IN
(SUPP DATA)
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:IMMED FLUSH W/LG AMTS OF WATER FOR AT LST 15 MINS,
LIFTING UPPER & LOWER LIDS. GET PROMPT MED ATT
N. SKIN:FLUSH EXPOS
AREAS THORO W/SOAP & WATER UNTIL ALL CHEM IS REMOVED. REMOVE CONTAM
CLTHG & LAU NDER BEFORE REUSE. IF IRRIT PERSISTS, GET MED ATTN.
INHAL:FIRST AID IS NOT NORMALLY REQD. REMOVE TO FRESH AIR. GET MED
ATTN IF IRRIT PERSISTS. INGEST:INDUCE VOMIT ONLY IF VICTIM IS
ALERT. GET (ING 6)

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

Flash Point Method:SCC
Flash Point:107F,42C
Extinguishing Media:WATER FOG, FOAM, CO*2, DRY CHEMICAL.
Fire Fig
hting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE
EQUIPMENT . COOL EXPOSED EQUIPMENT W/WATER SPRAY.
Unusual Fire/Explosion Hazard:POLYMERIZATION MAY TAKE PLACE AT ELEVATED
TEMPERATURES.

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

Spill Release Procedures:TAKE UP W/SAND OR OTHER ABSORBENT MATERIAL &
PLACE IN CONTAINER FOR LATER DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====
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Handling and Storage Precautions:STORE TEMPERATURE:ROOM TEMPERATURE.
AVOID EXCESSIVE HEAT. STORE OUT OF DIRECT SUNLIGHT IN A DRY AREA.
MAX STORAGE TEMPERATURE IS 100F.
Other Precautions:CONDITIONS UNDER WHICH PERSONAL PROTECTIVE EQUIPMENT
REQUIRED: NORMAL WORK CONDITIONS; SPILL/CLEANUP;
MAINTENANCE/REPAIR.

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL HANDLING CONDITIONS.
USE NIOSH/MSHA APPR

OVERED RESPIRATOR IF VAPOR OR MIST LEVELS ARE IRRITATING.

Ventilation:GENERAL.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS & (ING 7)

Other Protective Equipment:PROTECTIVE CLOTHING IS NORMALLY NOT NECESSARY FOR FORSEEABLE CONDITIONS OF USE.

Work Hygienic Practices:DO NOT WEAR CONTACT LENSES WHEN WORKING W/THIS MATERIAL.

Supplemental Safety and Health

EFTS OF OVEREXP:HARMFUL AMTS. INHAL TOX:PRLNG EXPOS TO HIGH LEVELS CAN CAUSE HDCH, DIZZ, DROW

& OTHER NERV SYS EFTS. EYE:CAN CAUSE SEV

IRRIT W/POSS CORNEAL DMG. OTHER:CAN CAUSE CNS, KIDNEY & LIVER EFT

S, AS WELL AS DMG TO BLOOD-FORMING & REPRO ORGS. HAS BEEN SHOWN TO CAUSE BIRTH DEFECTS IN ANIMALS. NOTE: METHYL (ING 4)

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

Boiling Pt:B.P. Text:275F,135C

Vapor Pres:6.2

Vapor Density:>1

Spec Gravity:1.11 (H*2O=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:CREAM COLORED LIQUID; MILD ODOR.

Percent Volatiles

by Volume:23(WT)

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

Stability Indicator/Materials to Avoid:YES

AVOID STRONG ACID & BASES, AMINE COMPOUNDS, MERCAPTANS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, UNKNOWN HYDROCARBONS.

Conditions to Avoid Polymerization:POLYMERIZATION MAY TAKE PLACE AT ELEVATED TEMPERATURES.

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

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Waste Disposal Methods:WASTE DISPOSAL SHOULD BE I/A/W EXISTING FEDERAL, STATE & LOCAL ENVIRONMENTAL REGULATIONS.

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