

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

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Product Identification  
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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

E

mergency 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

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Composition/Information on Ingredients  
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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  
MONOMETH

YL 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 HAN  
DLING &

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:ACU

TE: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/PRL

ING 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.

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===== 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 AT  
TN. 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)

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

Flash Point Method:SCC  
Flash Point:107F,42C  
Extinguishing Media:WATER FOG, FOAM, CO\*2, DRY CHEMICAL.  
Fire Fi  
ghting 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.

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===== 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.

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

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.

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

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

ROVED 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 EFTS, 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 Volatile

s 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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