



190 HB PART B

MSDS Number

BLMGX

National Stock Number

8040-00N021200

Product Name

190 HB PART B

Manufacturer

CARBOLINE

Product Identification

Product ID:190 HB PART B

MSDS Date:10/10/1989

FSC:8040

NIIN:00N021200

Kit Part:Y

MSDS Number: BLMGX

Responsible Party

CARBOLINE

350 HANLEY INDUSTRIAL CT

ST LOUIS , MO 63144-1599

US

Emergency Phone: 800-424-9300 (CHEMTREC)

Info Phone: 314-644-1000

Cage: HO925

Contractor

CARBOLINE CO

ST. LOUIS, MO 63144-1599

US

314-644-1000

Cage: 06634

Ingredients

PROPYLENE GLYCOL MONOMETHYL ETHER

CAS: 107-98-2

RTECS: UB7700000

Fraction By Weight: 5%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

N-BUTYL ALCOHOL (SARA III)

CAS: 71-36-3

RTECS: EO1400000

Fraction By Weight: 5%

OSHA PEL100 PPM



ACGIH TLV: S, C 50 PPM; 9293
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0
RTECS: NT8050000
Fraction By Weight: 5%
OSHA PEL400 PPM/500 STEL
ACGIH TLV: 400 PPM/500STEL;9192

TALC (CONTAINING NO ASBESTOS)

CAS: 14807-96-6
RTECS: WW2710000
Fraction By Weight: 50%
OSHA PEL2 MG/M3 RDUST
ACGIH TLV: 2 MG/M3 RDUST; 9192

1.0

Fraction By Weight: 15%

ETHYL ALCOHOL (ETHANOL)

CAS: 64-17-5
RTECS: KQ6300000
Fraction By Weight: 15%
OSHA PEL1000 PPM
ACGIH TLV: 1000 PPM; 9192

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7
RTECS: ZE2100000
Fraction By Weight: 15%
OSHA PEL100 PPM/150 STEL
ACGIH TLV: 100 PPM/150STEL;9192
EPA Report Quantity: 1000 LBS
DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:HARMFUL IF INHAL. MAY AFFECT
BRAIN/NERVOUS SYSTEM CAUSING DIZZ, HDCH OR NAUS. MAY CAUSE NOSE &
THROAT IRRIT. CONTACT: MAY BE HARMFUL IF ABSORBED THRU SKIN. MAY
CAUSE EYE/SKIN BURNS. CONTAINS A SKIN SENSITIZANT. AVOID ALL EYE/SKIN
CONTACT. NOTE: REPORTS HAVE ASSOCIATED REPORTED OCCURRENCE OVEREXPOSURE TO SOLVENT



W/PERM BRAIN/NERVOUS SYSTEM DMG.
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:IF SENSITIZED TO AMINES, EPOXIES OR OTHER CHEMICALS DO NOT USE. SEE MD IF A MEDICAL CONDITION EXISTS.

First Aid

First Aid:WHEN EXPOSED - ALWAYS GET MEDICAL ATTENTION. EYES: FLUSH WITH WATER FOR 15 MINUTES. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND CLEAN BEFORE REUSE. INHAL: REMOVE TO FRESH AIR . PR OVIDE OXYGEN IF BREATHING IS DIFFICULT.USE ARTIFICIAL RESP IF NOT BREATHING. GET MED ATTN. INGEST: DO NOT INDUCE VOMITING! ALWAYS GET MEDICAL ATTENTION.

Fire Fighting

Flash Point Method:PMCC
Flash Point:73.0F,22.8C
Lower Limits:1%
Upper Limits:19%
Extinguishing Media:DRY CHEMICAL, FOAM, CO2, WATER FOG.
Fire Fighting Procedures:EVAC HAZ AREA OF UNPROTECTED PERS. USE A NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . COOL SURROUNDING CNTRS WITH FIRE.
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND WILL ACCUMULATE. VAPORS WILL FORM EXPLOSIVE CONCENTRATIONS WITH AIR. VAPORS TRAVEL LONG DISTANCES AND WILL FLASHBACK.

Accidental Release

Spill Release Procedures:ELIM ALL IGNIT SOURCES. HANDLING EQUIP MUST BE GROUNDED TO PREVENT SPARKING. EVAC AREA OF UNPROTECTED PERS. CONTAIN & SOAK UP RESIDUAL W/ABSORB (CLAY OR SAND). TAKE UP ABSORB MATL AND SEAL TIGHTLY FOR PROPER DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP AWAY FROM HEAT,SPARKS,OPEN FLAME, & STRONG OXIDIZING AGENTS. KEEP CNTRS CLOSED. STORE IN COOL DRY PLACE W/ADEQ VENT
Other Precautions:IF POURING/TRANSFERRING MATLS GROUND ALL CNTRS AND TOOLS. DO NOT WELD, HEAT, OR DRILL ON FULL OR EMPTY CNTRS.

Exposure Controls

Respiratory Protection:USE ONLY W/VENT TO KEEP LEVELS BELOW EXPOS GUIDELINES. USE NIOSH/MSHA APPRVD AIR-PURIFYING RESP WHEN NECESSARY.
Ventilation:USE EXPLOSION PROOF VENT AS REQUIRED.
Protective Gloves:CHEMICAL RESISTANT GLOVES.
Eye Protection:CHEMICAL WORKERS GLOVES.
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH WITH SOAP AND WATER BEFORE EATING DRINKING, OR USING TOILET FACILITIES. LAUNDRER CONTAM CLOTHING BEFORE REUSE.
Supplemental Safety and Health
KEY1:F4.

Chemical Properties

HCC:F3
Boiling Pt:B.P. Text:173F,78C
Vapor Pres:SEE ING
Vapor Density:HVR/AIR
Evaporation Rate & Reference:SLOWER THAN ETHER
Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.
Percent Volatiles by Volume:47

Stability

Stability Indicator/Materials to Avoid:YES
AVOID CONTACT WITH STRONG OXIDIZING AGENTS.



Stability Condition to Avoid: HEAT, SPARKS AND OPEN FLAMES.
Hazardous Decomposition Products: CO AND UNIDENTIFIED ORGANIC COMPOUNDS.

Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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