

CARBOLINE CO -- CARBOTHANE 134 HS PART A -- 8010-00N071738

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Product Identification
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Product ID:CARBOTHANE 134 HS PART A
MSDS Date:01/03/1994
FSC:8010
NIIN:00N071738
MSDS Number: CBPJH
=== Responsible Party ===
Company Name:CARBOLINE CO
Address:350 HANDLEY IND CT
City:ST LOUIS
State:MO
ZIP:63144
Country:US
Info Phone Num:314-644-1000
Emergency Phone Num:412-681-6669;800-424-9300 (CHEMTREC)
CAGE:06634
=== Contractor Identification ===
Company Name:CARBOLINE CO
Address:350 S HANLEY INDUSTRIAL CT
Box:City:ST. LOUIS
State:MO
ZIP:63144-1599
Country:US
Phone:314-644-1000
CAGE:06634

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Composition/Information on Ingredients
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Ingred Name:COLORANT; (COLOR PIGMENT (MAY CONTAIN INGREDIENTS 2-5))
Fraction by Wt: <30%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:IRON OXIDE; (IRON OXIDES)
CAS:1309-38-2
RTECS #:OM4800000
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:TITANIUM OXIDE; (TITANIUM DIOXIDE)

CAS:13463-67-7
RTECS #:XR2275000
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3

Ingred Name:PARTICULATES; (OTHER PARTICULATES)
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:SILICA, CRYSTALLINE - QUARTZ; (SILICA)
CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: <15%
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:0.1 MG/M3 RDUST

Ingred Name:ACETIC ACID, BUTYL ESTER; (BUTYL ACETATE) (CERCLA)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: <10%
OSHA PEL:150 PPM
ACGIH TLV:150 PPM/200STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:2-BUTANONE; (METHYL ETHYL KETONE) (MEK) (SARA 313)
(CERCLA)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: <10%
OSHA PEL:200 PPM
ACGIH TLV:200 PPM/300STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ACRYLIC COPOLYMER
CAS:25608-33-7

Fraction by Wt: 40%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:HEXYL ACETATE; (HEPTYL ACETATE)

CAS:88230-35-7

Fraction by Wt: 5%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:VOLATILE ORGANIC COMPOUND (MIXED PRODUCT THINNED TO MAXIMUM

LEVEL):3.1 LBS/U.S. GAL; 375 GM/LR

RTECS #:9999999VO

OSHA PEL:N/K

ACGIH TLV:N/K

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALATION:HARMFUL IF INHALED, MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY CAUSE NOSE AND THROAT IRRITATION. EYE AND SKIN CONTACT:MAY CAUSE IRRITATION. NOTICE:CON TAINS SILICA WHICH CAN CAUSE CANCER. RISK OF CANCER DEPENDS ON DURATION AND LEVEL OF EXPOSURE. REPORTS (EFTS OF OVEREXP)

Explanation of Carcinogenicity:SILICA, CRYSTALLINE-QUARTZ:IARC MONOGRAPHS, SUPP. VOL 7, PG 341, 1987:GROUP 2A. NTP 7TH ANNUAL RPT ON CARCINS. (SUPDAT)

Effects of Overexposure:HLTH HAZS:HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

Medical Cond Aggravated by Exposure:IF YOU HAVE A CONDITION THAT COULD BE AGGRAVATED BY EXPOSURE TO DUST OR ORGANIC VAPORS SEE A PHYSICIAN PRIOR TO USE.

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First Aid Measures
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First Aid:WHEN EXPOSED ALWAYS GET MEDICAL ATTENTION. EYE:FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SKIN:WASH WITH SOAP AND WATER.

REMOVE CONTAMINATED CLOTHING AND CLEAN BEFORE REUSE.

INHALATION:REMOVE TO FRESH AIR. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. USE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET

MEDICAL

ATTENTION. INGESTION:DO NOT INDUCE VOMITING!! ALWAYS GET MEDICAL ATTENTION.

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

Flash Point Method:SCC

Flash Point:43.0F,6.1C

Lower Limits:1.7%

Upper Limits:10.1%

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

Fire Fighting Procedures:WEAR NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . EVACUATE HAZARD AREA OF UNPROTECTED PERS. COOL SURROUNDING CONTAINERS W/WATER IN CASE EXPOS.

Unusual Fire/Explosion Hazard:VAPS ARE HVR/AIR & WILL ACCUM. VAPS WILL FORM EXPLO CONCS W/AIR. VAPS TRAVEL LONG DIST & WILL FLASH BACK. USE MECH VENT WHEN NEC TO KEEP % VAP LESS THAN LEL.

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

Spill Release Procedures:ELIM ALL IGNIT SOURCES. HNDLG EQUIP MUST BE GROUNDED TO PVNT SPKING. EVACUATE AREA OF UNPROT PERS. WEAR APPROP PERS PROT CLTHG & EQUIP. FOLLOW SAFE HNDLG & USE GUIDELINES IN CTL MEASURES. CNTN & SOAK UP RESIDUE W/ABSORB (CLAY/SAND). TAKE UP (SUPDAT)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME AND STRONG OXIDIZING AGENTS. KEEP CONTAINERS CLOSED. STORE IN

COOL, DRY PLACE WITH ADEQUATE VENTILATION.

Other Precautions:IF POURING OR TRANSFERRING MATERIALS, GROUND ALL CONTAINERS AND TOOLS. DO NOT WELD, HEAT, CUT OR DRILL ON FULL OR EMPTY CONTAINERS. LEATHER SHOES CAN ABSORB AND PASS THROUGH HAZ MATLS. CHECK SHOES CAR EFULLY AFTER SOAKING BEFORE REUSE.

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

Respiratory Protection:USE ONLY W/VENT TO KEEP LEVELS BELOW EXPOS GUIDELINES. USER SHOULD TEST & MONITOR EXPOS LEVELS TO INSURE ALL PERS ARE BELOW GUIDELINES. IF NOT SURE/IF NOT ABLE TO MONITOR USE NIOSH APPRVD AIR-PURIFYIN G RESP.

Ventilation:USE EXPLO-PROOF VENT WHEN REQD TO KEEP BELOW HLTH EXPOS GUIDELINES & LEL.

Protective Gloves:RECOMMEND IMPERVIOUS GLOVES.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:ANSI APPROVED EMERGENCY EYE WASH AND DELUGE SHOWER . REC IMPERVIOUS CLTHG. IF MATL PENETRATES SKIN, (SUPP DATA)

Work Hygienic Practices:WASH W/SOAP & WATER BEFORE EATING, DRINKING, APPLYING COSMETICS/USING TOILET FACILITIES. LAUNDER CONTAM CLTHG.

Supplemental Safety and Health

HAZ DECOMP PRODS:HAZ. WELDING, CUTTING/ABRASIVE GRINDING CAN CREATE SMK

& FUMES. DO NOT BRTHE. EXPLAN OF CARCIN:1994:ANTIC TO BE CARCIN. ANIMAL:LUNG. SPILL PROC:ABSORB MATL & SEAL TIGHTLY FOR PROPER D ISP. OTHER PROT EQUIP:CHANGE GLOVES & CLTHG. USE OF HAND CREAM IS REC.

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

Boiling Pt:B.P. Text:>175F,>79C

Vapor Density:HVR/AIR

Spec Gravity:1.39

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:36

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, SPARKS AND OPEN FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE, NITROGEN OXIDES & UNIDENTIFIED ORG CMPDS. CONSIDER ALL SMK & FUMES FROM BURNING MATL AS VERY (SUPDAT)

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

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

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