

MIDLAND CHICAGO CORPORATION -- PRESERVATIVE COATING, CANVAS -- 8030-00-281-2346
===== Product Identification =====

Product ID: PRESERVATIVE COATING, CANVAS
MSDS Date: 08/16/1990
FSC: 8030
NIIN: 00-281-2346
MSDS Number: BNCBY
=== Responsible Party ===
Company Name: MIDLAND CHICAGO CORPORATION
Address: 5300 WEST 127TH STREET
City: ALSIP
State: IL
ZIP: 60658
Country: US
Info Phone Num: 312-785-2407
Emergency Phone Num: 312-785-2407
Preparer's Name: EDWARD S RIMKUS
CAGE: JO111
=== Contractor Identification ===
Company Name: MIDLAND CHICAGO CORP
Address: 5300 W 127TH ST
City: ALSIP
State: IL
ZIP: 60650
Country: US
Phone: 312-785-2407/708-389-8600
CAGE: JO111

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

Ingred Name: C9-C11 HYDROCARBONS (PARAFFINS CYCLOPARAFFINS & AROMATICS)
CAS: 8032-32-4
Fraction by Wt: 15-17%
Other REC Limits: NONE SPECIFIED
OSHA PEL: 500 PPM
ACGIH TLV: 100 PPM

Ingred Name:

CHLORINATED PARAFFIN WAX
CAS:63449-39-8
RTECS #:RV0480000
Fraction by Wt: 30-35%
Other REC Limits:NONE SPECIFIED

Ingred Name:ANTIMONY OXIDE (SARA III)
CAS:1309-64-4
RTECS #:CC5650000
Fraction by Wt: 4-6%
Other REC Limits:NONE SPECIFIED
OSHA PEL:.5 MG/M3 AS SB
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:COPPER NAPHTHENATE
CAS:1338-02-9
RTECS #:QK9100000
Fraction by Wt: 5-8%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1.0 MG/M3

Ingred Name:COPPER-8-QUINOLINOLATE
CAS:10380-28-6
RTECS #:V
C5250000
Fraction by Wt: 1-6%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 MG/M3
ACGIH TLV:0.2 MG/M3

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

Health Hazards Acute and Chronic:EYES: DIRECT LIQUID CONTACT CAN CAUSE IRRITATION. SKIN: PROLONGED/REPEATED CONTACT WILL DRY/DEFAT SKIN LEADING TO IRRITATION. INHALED: HIGH VAPOR CONCENTRATION CAN CAUSE BREATHING DIFFICULTIES. CHRONI C INHAL OF ANTIMONY OXIDE DUST/FUMES CAUSES MALIGNANT TUMORS IN RATS. INGEST: PNEUMONITIS, PULMONARY EDEMA.

Explanation of Carcinogenicity:NTP LISTS CHLORINATED PARAFFIN. ACGIH LISTS ANTIMONY OXIDE.

Effects of Overexposure:INHALATION: DIZZINESS, LIGHTHEADEDNESS. INGESTION: HEADACHE, DROWSINESS, NAUSEA, FATIGUE.

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

First Aid:EYES: IMMED FLUSH W/CLEAR WATER 15 MIN, LIFTING EYELIDS. GET MED ATTN. SKIN: WASH W/SOAP & LRG QTY OF WATER. SEEK MED ATTN IF IRRITATION FROM CONTACT PERSISTS. SKIN

: SOAKED CLOTHES, IMMEDIATE

REMOVE & LAUNDER BEFORE WEARING. INGESTION: DON'T INDUCE VOMITING. GET MEDICAL IMMEDIATE. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IRREGULAR/STOPPED PERFORM ARTIFICIAL RESPIRATION. ADMINISTER OXYGEN IF AVAILABLE. GET MEDICAL ATTENTION IMMEDIATE.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:105F,41C

Autoignition Temp:Autoignition Temp Text:450F *

Lower Limits:1.0

Upper Limits:6.0

Extinguishing Media:FOAM, CO2, DRY CHEMICAL. TO 50

OF

Fire Fighting Procedures:USE OF SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR FIRE FIGHTERS, WATER MAY BE UNSUITABLE IN EXTINGUISHING MEDIA, BUT HELPFUL IN KEEPING CONTAINERS COOL.

Unusual Fire/Explosion Hazard:COMBUSTION CAN PRODUCE ACID GASES (HYDROGEN CHLORIDE). VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND TO IGNITION DISTANT FROM POINT OF USE.

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Accidental Release Measures
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Spill Release Procedures:EVACUATE PEOPLE. RECOVER FREE PRODUCT. ADD

SAND, EARTH, OTHER ABSORBENT MATERIAL. MINIMIZE BREATH OF VAPORS/SKIN CONTACT. VENTILATE CONFINED SPACE. OPEN WINDOW/DOOR. KEEP OUT OF SEWERS/WATERWAYS. OBSERVE PRECAUTIONS FOR VOLATILE/COMBUSTIBLE VAPOR FROM ABSORBENT MATERIAL.

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Handling and Storage
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Handling and Storage Precautions:KEEP PRODUCT COOL, DRY & AWAY FROM IGNITION SOURCES. USE/STORE PRODUCT WITH ADEQUATE VENTILATION. DON'T TRANSFER PRODUCT INTO UNMARKED CONTAINERS.

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Exposure Controls/Personal Protection
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Respiratory Protection:IF VAPOR CONCENTRATIONS EXCEED TLV, USE ORGANIC RESPIRATOR.

Ventilation:GENERAL ROOM VENTILATION IS NORMALLY ADEQUATE. SUBSTANTIAL MISTING CAN BE CONTROLLED WITH LOCAL EXHAUST.

Protective Gloves:RUBBER OR OTHER IMPERMEABLE GLOVES.

Eye Protection:USE SPLASH GOGGLES WHEN CONTACT LIKELY.

Other Protective Equipment:USE IMPERMEABLE APRON. IF NEEDED TO AVOID CONTAMINATING REGULAR CLOTHING WHICH COULD RESULT IN

SKIN CONTACT.

Work Hygienic Practices:MINIMIZE SKIN CONTACT. WASH WITH SOAP & WATER BEFORE EATING, DRINKING, OR USING TOILET FACILITIES. NO SMOKING WHERE

Supplemental Safety and Health MATERIAL IS USED OR STORED.

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

HCC:F4

Boiling Pt:B.P. Text:316F,158C

Melt/Freeze Pt:M.P/F.P Text:NONE

Vapor Pres:4

Spec Gravity:1.230

Evaporation Rate & Reference: