

GLIDDEN CO -- MA 173, MACCO LN601 LIQUID NAILS -- 8040-01-328-8043

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Product Identification
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Product ID:MA 173, MACCO LN601 LIQUID NAILS

MSDS Date:04/20/1992

FSC:8040

NIIN:01-328-8043

MSDS Number: BPBQY

=== Responsible Party ===

Company Name:GLIDDEN CO

Address:925 EUCLID AVE

City:CLEVELAND

State:OH

ZIP:44115

Country:US

Info Phone Num:216-344-8000

Emergency Phone Num:216-344-8000

CAGE:728

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=== Contractor Identification ===

Company Name:GLIDDEN CO MEMBER OF ICI WORLD PAINTS

Address:925 EUCLID AVE

Box:15049

City:CLEVELAND

State:OH

ZIP:44115

Country:US

Phone:216-344-8000

CAGE:72818

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Composition/Information on Ingredients
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Ingred Name:CARBONIC ACID, CALCIUM SALT; (CALCIUM CARBONATE)

CAS:471-34-1

RTECS #:FF9335000

Fraction by Wt: 1-5%

OSHA PEL:15 MG/M3;5 RESP

ACGIH TLV:10 MG/M3 TDUST

Ingred Name:CLAY (KAOLIN)

CAS:1332-58-7

RTECS #:GF1670500

Fraction by

Wt: 30-40%
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:2 MG/M3 TDUST; 9293

Ingred Name:SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC
CAS:64742-89-8
Fraction by Wt: 20-30%
OSHA PEL:180 MG/M3 (MFR)
ACGIH TLV:50 PPM (MFR)

Ingred Name:STODDARD SOLVENT; (MINERAL SPIRITS)
CAS:8052-41-3
RTECS #:WJ8925000
Fraction by Wt: 1-5%
OSHA PEL:500 PPM
ACGIH TLV:100 PPM; 9293

Ingred Name:HEXANE (N-HEXANE)
CAS:110-54-3
RTECS #:MN9275000
Fraction by Wt: 5-10%
OSHA PEL:500 PPM
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1 LB
DOT Rp
t Qty:1 LB

Ingred Name:RESIN ACIDS AND ROSIN ACIDS, ESTERS W/GLYCEROL; (RESIN
GLYCEROL ESTER)
CAS:8050-31-5
Fraction by Wt: 5-10%

Ingred Name:DISTILLATES (PETROLEUM), STEAM CRACKED, POLYMERS W/LIGHT
STEAM-CRACKED PETROLEUM NAPHTHA; (HYDROCARBON RESIN)
CAS:68410-16-2
Fraction by Wt: 1-5%

Ingred Name:STYRENE POLYMER WITH 1,3-BUTADIENE; (BENZENE, ETHENYL-,
POLYMER W/1,3-BUTADIENE (STYRENE-BUTADIENE POLYMER))
CAS:9003-55-8
RTECS #:WL6478000
Fraction by Wt: 5-10%

Ingred Name:SUPP DATA

:EMPTY CNTNRS MAY CONTAIN HAZ RESIDUES. DO NOT
TAKE INTERNALLY. USE ONLY W/ADEQ VENT.
RTECS #:9999999ZZ

Ingred Name:SPILL PROC:SHUT OFF LEAK IF SAFE TO DO SO. DIKE & CNTN
SPILL. PUMP TO STORAGE/SALVAGE VESSELS. USE ABSORBENT TO (ING 11)
RTECS #:9999999ZZ

Ingred Name:ING 10:PICK UP EXCESS RESIDUE. KEEP SALVAGEABLE MATERIAL &
RINSE WATER OUT OF SEWERS & WATER COURSES.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECI
FIED 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:INHAL:IRRIT OF RESP TRACT. PRLNGD
INHAL MAY LEAD TO FATIGUE, DIZZ &/OR LIGHT HEADEDNESS, HEADACHE,
UNCOORDINATION, NAUSEA, CNS DEPRESS, RESP PROBLEMS.
SKIN:IRRITATION. PRLNGD/RPTD CNTCT CAN CAUSE DERM , DEFAT. SKIN
CNTCT MAY RSLT IN DERM ABSORPTION OF COMPONENT(S) OF PROD WHICH MAY
CAUSE VOMIT, DIARR, (EFTS OF OVE

REXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:BLURRED VISION. EYE:IRRITATION.
PRLNGD/RPTD CNTCT CAN CAUSE BLURRED VISION, TEARING, SEVERE
IRRITATION. INGEST:MAY CAUSE LUNG INFLAMM & DMG DUE TO ASPIRATION
OF MATL INTO LUNGS. NOTICE:RPTS H AVE ASSOC RPTD/PRLNGD OCCUP
OVEREXP TO SOLVS W/PERM BRAIN & NERV SYS DMG. INTENTIONAL MISUSE BY
DELIB CONC & (SUPDAT)

Medical Cond Aggravated by Exposure:NOT DETERMINED.

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

First Aid:INHAL:MOVE TO FRESH AIR. RESTORE & SUPPORT CONTINUED
BREATHING. GET MD. HAVE TRAINED PERSON GIVE O*2 IF NECESSARY. GET
MD FOR ANY BRTHG DFCLTY. SKIN:FLUSH W/WATER. THEN WASH THORO W/SOAP
& WATER. REMOVE CONTAM CLTHG. WASH CONTAM CLTHG BEFORE REUSE.
EYE:FLUSH IMMED W/LRG AMTS OF WATER FOR AT LEAST 15 MINS,
ESPECIALLY UNDER LIDS. IF IRRIT OR OTHER EFTS PERSIST, GET MD.
INGEST:GET MD IMMEDIATELY.

===== Fire Fi

ghting Measures =====

Flash Point Method:SCC

Flash Point:4F,-16C

Lower Limits:0.7%

Upper Limits:7%

Extinguishing Media:DRY CHEMICAL OR FOAM.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . WATER MAY BE USED TO COOL AND PROTECT EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:CLSD CNTNR MAY EXPLOD WHEN EXPOSED TO EXTREME HEAT OR FIRE. VAPS MAY INGITE EXPLO AT AMBIENT TEMPS. VAPS ARE HEAVIER THAN AIR & MAY TRAVEL LONG DISTS (S UPDAT)

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

Spill Release Procedures:COMPLY W/ALL APPLIC HLTH & ENVIRON REGS. ELIMINATE ALL IGNIT SOURCES. VENT AREA W/EXPLO PROOF EQUIP. SPILLS MAY BE COLLECTED W/ABSORB MATLS. USE NON-SPARKING TOOLS. EVAC ALL UNNEC PERS. PLACE COLLECTE D MATL IN PROPER CNTNR. LRG SPILLS:(ING10)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Stor

age Precautions:STORE BELOW 80F. KEEP AWAY FROM HEAT, SPPARKS AND OPEN FLAME. USE ONLY WITH ADEQUATE VENTILATION. KEEP CNTNR TIGHTLY CLSD & UPRIGHT WHEN NOT IN USE.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. AVOID CNTCT W/SKIN & EYES, & BRTHG OF VAPS. AVOID CNDTNS WHICH RSLT IN FORMATION OF INHALABLE PARTICLES SUCH AS SPRAYING OR ABRADING (SANDING) PAINTED SURFS. IF SUCH CND TNS CANNOT BE AVOIDED, USE (SUPP DATA)

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

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Respiratory Protection:CONTROL ENVIRONMENTAL CONCENTRATIONS BELOW APPLICABLE STANDARDS. WHERE RESPIRATORY PROTECTION IS REQUIRED, USE ONLY NIOSH/MSHA APPROVED RESPIRATOR IN ACCORDANCE WITH OSHA STANDARDS 29 CFR 1910.134.

Ventilation:PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO PREVENT BUILDUP OF VAPS. USE EXPLO-PROOF EQUIP. USE NON-SPARKING EQUIP.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEM WORK GOG W/FULL LNGTH FSHLD .

Other Protective Equipment:EYE

WASH, SAFETY SHOWER, APRON.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING,
ESPECIALLY BEFORE EATING OR SMOKING.

Supplemental Safety and Health

EXPLO HAZ:TO SOURCE OF IGNIT & FLASH BACK. MAY DECOMPOSE UNDER FIRE
CNDTNS EMITTING IRRITANT &/OR TOX GASES. EFTS OF OVEREXP:INHALING
CONTENTS MAY BE HARMFUL/FATAL. PRLNGD/RPTD INHAL OF N-HEXANE MAY P
RODUCE PERIPHERAL NERVE DAMAGE. POSS REPROD HAZ BASES ON ANIMAL
DATA. OTHER PREC:APPROP RESP PROT AS NOTED. (ING 9)

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

HCC:F2

Boiling Pt:B.P. Text:149F,65C

Spec Gravity:1.047

Solubility in Water:NOT DETERMINED

Appearance and Odor:TAN COLORED PASTE.

Percent Volatiles by Volume:56.03

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS, ACIDS, BASES, AMINES.

Stability Condition to Avoid:ELEVATED TEMPERATURES, CONTACT WITH
OXIDIZING AGENTS.

Hazardous Decomposition Products:CO,
CO*2.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE & LOCAL REGULATIONS. AVOID DISCHARGE TO NATURAL
WATERS.

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