

## **M-111 LIQUID NAILS FOR CERAMIC WALL**

### **MSDS Number**

BBLVZ

### **National Stock Number**

8040-00F002848

### **Product Name**

M-111 LIQUID NAILS FOR CERAMIC WALL

### **Manufacturer**

GLIDDEN COMPANY

### **Product Identification**

Product ID:M-111 LIQUID NAILS FOR CERAMIC WALL

MSDS Date:05/21/1993

FSC:8040

NIIN:00F002848

MSDS Number: BBLVZ

### **Responsible Party**

GLIDDEN COMPANY

925 EUCLID AVENUE

CLEVELAND , OH 44115

US

Emergency Phone: 800-545-2643

Info Phone: 216-344-8000

Cage: 01PD6

### **Contractor**

GLIDDEN PAINT, ICI PAINTS NORTH AMERICA

CLEVELAND, OH 44115

US

800-545-2643/216-344-8207

Cage: 01PD6

### **Ingredients**

STODDARD SOLVENT (PETROLEUM DISTILLATE), MINERAL SPIRITS

CAS: 8052-41-3

RTECS: WJ8925000

Fraction By Weight: 1-5%

OSHA PEL500 PPM

ACGIH TLV: 100 PPM; 9293

PETROLEUM OIL, HYDROTREATED HEAVY NAPHTHENIC DISTILLATE

CAS: 64742-52-5

RTECS: PY8035001

Fraction By Weight: 1-5%

ROSIN ACID \*93-1\*

CAS: 8050-09-7

Fraction By Weight: 1-5%

BUTADIENE, STYRENE, DIVINYLBENZENE POLYMER

CAS: 26471-45-4

Fraction By Weight: 10-20%

9.24

RTECS: 9999999WG

CALCIUM CARBONATE, DOMOLITE, LIMESTONE, WHITING

CAS: 1317-65-3

RTECS: EV9580000

Fraction By Weight: 1-5%

OSHA PEL5 MG/CUM (DUST)

ACGIH TLV: 5 MG/CUM (DUST)

CLAY (KAOLIN)

CAS: 1332-58-7

RTECS: GF1670500

Fraction By Weight: 30-40%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 2 MG/M3 TDUST; 9293

LIGHT ALIPHATIC NAPHTHA, VM & P NAPHTHA, LACOLENE \*93/1\*

CAS: 64742-89-8

Fraction By Weight: 30-40%

OSHA PEL300 PPM

ACGIH TLV: 300 PPM

STEAM-CRACKED, POLYMERS W/LIGHT STEAM-CRACKED PETROLEUM

CAS: 68410-16-2

Fraction By Weight: 5-10%

## Hazards

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

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

Health Hazards Acute and Chronic:INHALATION: RESPIRATORY TRACT IRRITATION. SKIN/EYES: IRRITATION. INGESTION: LUNG INFLAMMATION & DAMAGE DUE TO ASPIRATION OF MATERIAL INTO LUNGS, VOMITING, GI DISTURBANCES.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: DIZZINESS &/OR LIGHTHEADEDNESS, HEADACHE, NAUSEA, COUGHING, CNS DEPRESSION, RESPIRATORY PROBLEMS, DIFFICULTY OF BREATHING. TOXICITY TO LIVER, KIDNEY. PERMANENT BRAIN & NERVOUS SYSTEM DAMAG E. SKIN: DERMATITIS, DEFATTING. EYES: SEVERE

IRRITATION, WATERING.  
Medical Cond Aggravated by Exposure:EYE, SKIN, RESPIRATORY DISORDERS

## First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE & SUPPORT CONTINUED BREATHING. HAVE TRAINED PERSON GIVE OXYGEN IF NECESSARY. SKIN: FLUSH W/WATER. THEN WASH W/SOAP & WATER. EYES: FLUSH W/PLENTY OF WATER FOR A T LEAST 15 MINS. INGESTION: NO FIRST AID MEASURES ARE INDICATED FOR AMOUNTS INGESTED INCIDENTAL TO NORMAL USE. OBTAIN MEDICAL ATTENTION IN ALL CASES.

## Fire Fighting

Flash Point Method:SCC  
Flash Point:27F  
Lower Limits:0.7%  
Upper Limits:8%  
Extinguishing Media:DRY CHEMICAL, FOAM, WATER FOG, CO2  
Fire Fighting Procedures:USE WATER TO COOL & PROTECT EXPOSED CONTAINERS. USE FULL PROTECTIVE EQUIPMENT & SCBA. IN CLOSED TANKS, WATER OR FOAM MAY CAUSE FROTHING OR ERUPTION.  
Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE W/HEAT/FIRE. VAPORS MAY IGNITE EXPLOSIVELY AT AMBIENT TEMPS. VAPORS ARE HEAVIER THAN AIR, TRAVEL TO IGNITION SOURCE & FLASHBACK.

## Accidental Release

Spill Release Procedures:ELIMINATE IGNITION SOURCES. VENTILATE/EVACUATE AREA. USE NON-SPARKING TOOLS. PLACE COLLECTED MATL. IN CONTAINER. LARGE: SHUT OFF LEAK. DIKE,CONTAIN, & PUMP TO STORAGE/SALVAGE VESSELS. USE ABSORBENT TO PICK UP EXCESS RESIDUE FOR SMALL/LARGESPILL.

## Handling

Handling and Storage Precautions:STORE BELOW 80F. KEEP AWAY FROM HEAT, SPARKS & OPEN FLAME. USE ONLY W/ADEQUATE VENTILATION. DON'T TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.  
Other Precautions:AVOID CONTACT W/SKIN, EYES & BREATHING OF VAPORS. KEEP CONTAINERS TIGHTLY CLOSED & UPRIGHT WHEN NOT IN USE. AVOID CONDITIONS WHICH RESULT IN FORMATION OF INHALABLE PARTICLES. EMPTY CONTAINERS MAY CONT AIN HAZARDOUS RESIDUES.

## Exposure Controls

Respiratory Protection:WHERE RESPIRATORY PROTECTION IS REQUIRED, USE ONLY NIOSH/MSHA APPROVED RESPIRATORS.  
Ventilation:PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO PREVENT BUILD UP OF VAPORS.  
Protective Gloves:IMPERVIOUS  
Eye Protection:SAFETY GLASSES OR GOGGLES  
Other Protective Equipment:EYE WASH, SAFETY SHOWER, IMPERVIOUS CLOTHING, APRON, BOOTS.  
Work Hygienic Practices:WASH HANDS AFTER HANDLING, ESPECIALLY BEFORE EATING OR SMOKING. REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health  
INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. GROUND EQUIPMENT WHEN TRANSFERRING TO PREVENT ACCUMULATION OF STATIC CHARGE.

## Chemical Properties

Boiling Pt:B.P. Text:209-374F  
Spec Gravity:1.109  
Appearance and Odor:TAN PASTE  
Percent Volatiles by Volume:51.59%

## Stability

Stability Indicator/Materials to Avoid:YES  
OXIDIZERS  
Stability Condition to Avoid:ELEVATED TEMPERATURES, SPARKS, OPEN FLAME,

EXTREME HEAT, FIRE OR OTHER IGNITION SOURCES.

Hazardous Decomposition Products:CO, CO2, IRRITANT &/OR TOXIC GASES

## **Disposal**

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. KEEP SALVAGEABLE MATERIAL & RINSE WATER OUT OF SEWERS & WATER COURSES. UN 1

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