



LiquaTile 1183

Topcoat
Part A Resin MSDS

MATERIAL SAFETY DATA SHEET (LiquaTile 1183 Topcoat)

EMERGENCY CONTACT: (864) 680-1547

SECTION I. IDENTIFICATION

TRADE NAME: *LiquaTile*

PRODUCT CLASS: EPOXY RESIN LIQUID

FOR INDUSTRIAL USE ONLY

PRODUCT TYPE: LT 1183 RESIN

IMPORTANT: THIS MATERIAL WILL NOT BE SOLD FOR USE IN PRODUCTS FOR WHICH PROLONGED CONTACT WITH MUCOUS MEMBRANES, ABRADED SKIN, OR IMPLANTATION WITHIN THE HUMAN BODY IS SPECIFICALLY INTENDED. BECAUSE OF THE WIDE RANGE OF SUCH POTENTIAL USES, WOLVERINE COATINGS CORPORATION IS NOT ABLE TO RECOMMEND THIS MATERIAL AS SAFE AND EFFECTIVE FOR SUCH USES AND ASSUMES NO LIABILITY FOR ANY SUCH USES.

HAZARD STATEMENT: THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200. THIS PRODUCT IS CONSIDERED TO BE A HAZARDOUS CHEMICAL UNDER THAT STANDARD.

SECTION II. HAZARDOUS INGREDIENTS

EXPOSURE LIMITS

| TOXICITY | INGREDIENTS | CAS NO. | % | | OSHA | | ACGIH | | VP | LD ₅₀ g/kg |
|----------|----------------------|------------|-----------|------------|-------------------|-----|--------------|-------------------|-----|--------------------------|
| | | | BY WT. | PEL ppm | TLV(TWA) | | mm @ 68°F | | | |
| | | | | | mg/m ³ | ppm | | mg/m ³ | | |
| | BISPHENOL A | | | | | | | | | |
| | DIGLYCIDYL ETHER | 25085-99-8 | 35-40 | na | na | na | na | na | na | na |
| | FURFURYL ALCOHOL | 98-00-0 | 4.0 | 10 | dna | 10 | dna | 1.0 | dna | dna |
| | 1-METHOXY-2-PROPANOL | 107-98-2 | 3.0 | 100 | dna | 100 | dna | 11.2 | 6.0 | 1000 |
| | G-GLYCIDOXYPROPYL | | | | | | | | | |
| | TRIMETHOXY SILANE | 2530-83-8 | <1 | dna | dna | dna | dna | dna | dna | dna |
| | SILICA | UNKNOWN | 25-35 | dna | dna | | dna | dna | dna | dna |
| | ALUMINUM SILICATE | 12269-78-2 | 15-25 | dna | dna | dna | dna | dna | dna | dna |

PIGMENTS: (PRODUCT COULD CONTAIN ONE OR MORE OF THE FOLLOWING)

| | | | | | | | | | |
|----------------------|------------|----|-----|------|-----|--------|--------|-----|-----|
| TITANIUM DIOXIDE | 13463-67-7 | <5 | dna | dna | dna | 5 (Ti) | na | dna | dna |
| IRON OXIDE (RED) | 1309-37-1 | <2 | dna | 10.0 | dna | | 5 (Fe) | na | na |
| CARBON BLACK | 1333-86-4 | <2 | dna | 3.5 | dna | 3.5 | na | na | na |
| PHTHALOCYANINE GREEN | 1328-53-6 | <2 | dna | 5.0 | dna | 5.0 | na | na | na |

SUSPECTED CANCER AGENT: NO

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EPA WASTE NO: NA

SECTION VIII. SPECIAL PROTECTION INFORMATION

VENTILATION: SUFFICIENT VENTILATION, IN VOLUME AND PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINANT CONCENTRATIONS BELOW TLV LIMIT. REMOVE WELDING AND FLAME CUTTING DECOMPOSITION PRODUCTS. REFER TO 29 CFR, OSHA 1910, 1915, 1916 FOR COATING OPERATIONS.

PROTECTIVE GLOVES: WEAR IMPERVIOUS GLOVES (NEOPRENE OR OTHER SUITABLE MATERIAL).

EYE PROTECTION: WEAR SPLASH-PROOF CHEMICAL RESISTANT GOGGLES OR FACE SHIELD.

RESPIRATORY PROTECTION: NIOSH/MSHA CERTIFIED RESPIRATOR. FOR SPECIFIC CONDITIONS REFER TO NIOSH POCKET GUIDE TO CHEMICAL HAZARDS, DHEW NO. 78-210. USE AIR-LINE RESPIRATORS IN CONFINED OR RESTRICTED VENTILATION AREAS, OR WITH POLYURETHANE OR ISOCYANATES. REFER TO 29 CFR, OSHA PARTS 1910, 1915, AND 1916 FOR COATING OPERATIONS.

OTHER PROTECTIVE EQUIPMENT FOR APPLICATION OR CLEAN-UP: FULL PROTECTIVE CLOTHING. SPARK PROOF EQUIPMENT.

HYGENIC PRACTICES: WASH THOROUGHLY BEFORE EATING, SMOKING, OR USING WASHROOM. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

SECTION IX. SPECIAL PRECAUTIONS

HANDLING, SHIPPING, AND STORING PRECAUTIONS: KEEP CONTAINER CLOSE, UPRIGHT WHEN NOT IN USE. STORE IN COOL, DRY, WELL-VENTILATED AREA. AVOID STORAGE TEMPERATURE ABOVE 100 F.

OTHER PRECAUTIONS: DO NOT TAKE INTERNALLY. AVOID PROLONGED BREATHING OF VAPORS, OR SPRAY MIST, OR CONTACT WITH SKIN AND EYES. DO NOT WELD OR FLAME CUT AN EMPTY CONTAINER. GROUND CONTAINERS WHEN POURING.

SECTION X. REGULATORY INFORMATION

DOT CLASS: PAINT OR PAINT RELATED PRODUCT

DOT NUMBER: UN 3066

RCRA STATUS: NOT A HAZARDOUS WASTE UNDER RCRA (40 CFR 261)

CERCLA STATUS: NOT LISTED

SARA/TITLE III-"TOXIC CHEMICAL LIST: THIS PRODUCT DOES NOT CONTAIN A TOXIC CHEMICAL FOR ROUTINE ANNUAL "TOXIC CHEMICAL RELEASE REPORTING" UNDER SECTION 313 (40 CFR 372)

OSHA STATUS: THIS MSDS HAS BEEN PREPARED IN COMPLIANCE WITH FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200. THIS PRODUCT IS CONSIDERED TO BE A HAZARDOUS CHEMICAL UNDER THAT STANDARD.

TSCA INVENTORY STATUS: CHEMICAL COMPONENTS LISTED ON TSCA INVENTORY.

ISSUE DATE: 05/2002

FOR FURTHER INFORMATION, PLEASE CONTACT PRODUCT SAFETY DIRECTOR.

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LD50 = ORAL, RAT; LC50 = INHALATION, RAT; dna = DATA NOT AVAILABLE; NA = NOT APPLICABLE