

MERCURY PAINT CORPORATION

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MATERIAL SAFETY DATA SHEET

Merc-Tex Water Based Epoxy Finish Series 900A/900B (A&B)

I. IDENTIFICATION & PHYSICAL DATA

PRODUCT NAME:
Merc-Tex - Water Based Epoxy Finish Series 900A/900B (A&B)

PRODUCT CLASS:
Pigmented Acrylic/Epoxy Resin

D.O.T. HAZARD CLASS:
Not Regulated

D.O.T. SHIPPING NAME:
N/A

D.O.T. UN NUMBER:
N/A

EVAPORATION RATE:
Slower than Butyl Acetate

APPEARANCE AND ODOR:
Pigmented viscous liquid with low Odor.

V.O.C.:
Less than 1.67 lbs./gal.

BOILING RANGE:
212 - 301°F

VAPOR DENSITY:
Heavier than air

WEIGHT PER GALLON:
10.5 lbs. average (mix)

VAPOR PRESSURE AT 20°C:
20.0 MM Hg.

SOLUBILITY IN WATER:
Miscible

II. MATERIAL COMPOSITION (PART "A" AND "B")

	CAS.#	WT.%	OSHA TWA PPM	OSHA STEL PPM	ACGIH TWA PPM	ACGIH STEL PPM
Acrylic Resin	N/A	40.0			non hazardous	
Epoxy Resin Dispersion	025068-38-6	36.0	N/A	N/A	N/A	N/A
TALC	14807-96-6	6.0			TLV/TWA = 0.1 Mg/m ³	
Zinc Phosphate	7779-90-0	16.0	N/A	N/A	N/A	N/A
Titanium Dioxide	13463-67-7	18.0	10mg/m ³	Total	(5 mg/m ³ Res)	
Camel Carb	1317-65-3	15.0	N/A	N/A	N/A	N/A
Methyl Carbitol	111-77-3	18.0	N/A	N/A	N/A	N/A
Wallastocoat	13983-17-0	10.0	N/A	N/A	N/A	N/A
Texanol	25265-77-4	8.0	N/A	N/A	N/A	N/A

III. FIRE AND EXPLOSION DATA

FLASHPOINT:
200°F (Seta)

LEL:
2.0

EXTINGUISHING MEDIA:
Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.

UNUSUAL FIRE & EXPLOSION HAZARDS:
Closed containers may rupture when exposed to heat, due to pressure built-up.

SPECIAL FIRE FIGHTING PROCEDURES:
Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas.

IV. REACTIVITY DATA

STABILITY:
Stable

HAZARDOUS POLYMERIZATION:
Will Not Occur.

CONDITIONS TO AVOID:
Excessive heat.

MATERIALS TO AVOID:
Contamination with strong acids, epoxy resins, or isocyanates can cause polymerization.

HAZARDOUS DECOMPOSITION PRODUCTS:
Fumes produce when heated to decomposition may include: Carbon dioxide, Carbon Monoxide.