

MATERIAL SAFETY DATA SHEET

For Coatings, Resins, and Related Materials.

MANUFACTURED FOR:
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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER: 595 RESIN **PRODUCT:** RESIN-pm **PRODUCT CLASS:** acrylic resins
TRANSPORTATION INFORMATION: Class 50 B acrylic W/B resin, 5 gallon containers
HMIS INFORMATION: **HEALTH:** 1 **FLAMMABILITY:** 0 **REACTIVITY:** 0
PERSONAL PROTECTIVE EQUIPMENT: G

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>OSHA - PEL</u>	<u>ACGIH TLV</u>
MODIFIED ACRYLIC POLYMER	PROPRIETARY	N.E.	N.E.
OTHER NON-TOXIC MATERIALS B PROPRIETARY TRADE SECRET (29 CFR 1910.1200 (i))			
WATER	7732-18-5	N.E.	N.E.

* N.E. B NONE ESTABLISHED.

SECTION III - PHYSICAL / CHEMICAL DATA

BOILING POINT: 212^BF **SPECIFIC GRAVITY:** 1.04
VAPOR PRESSURE: not known **VAPOR DENSITY (AIR = 1):** > 1
SOLUBLE IN WATER: yes **EVAPORATION RATE(BUTYL ACETATE = 1):** <1
APPEARANCE AND ODOR: MILKY WHITE LIQUID, SLIGHT ACRYLIC ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA.

FLASH POINT: NONE
FLAMMABLE LIMITS: **LOWER:** N/A **UPPER:** N/A
EXTINGUISHING MEDIA: DRY CHEMICALS, CARBON DIOXIDE, FOAM, WATER FOG.
SPECIAL FIRE FIGHTING PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARATUS.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN.

SECTION V - REACTIVITY DATA

STABILITY: **STABLE (X)** **NOT STABLE ()**
CONDITIONS TO AVOID: KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP FORM FREEZING.
INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN.
HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN.
HAZARDOUS POLYMERIZATION: **WILL ()** **WILL NOT (X)**

SECTION VI - HEALTH HAZARD DATA

<u>ROUTES OF ENTRY</u>	<u>HAZARD</u>
EYES: (X)	CONTACT MAY CAUSE EYE IRRITATION.
SKIN: (X)	PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE REDNESS AND BURNING SENSATION.
INHALATION: (X)	BREATHING FUMES MAY CAUSE RESPIRATORY TRACT IRRITATION AND DIZZINESS.
INGESTION: (X)	NOT KNOWN.

EMERGENCY AND FIRST AID PROCEDURES.

EYE: HOLD EYELIDS APART. FLUSH WITH WATER 15 MINUTES OR UNTIL IRRITATION SUBSIDES IF IRRITATION PERSISTS, SEEK IMMEDIATE MEDICAL ATTENTION.
SKIN: REMOVE CONTAMINATED CLOTHING AN WASH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, OR REDNESS AND BURNING SENSATION, SEEK IMMEDIATE MEDICAL ATTENTION.

PRODUCT NUMBER : 595 RESIN

PRODUCT : MTOP 595 RESIN

PRODUCT CLASS : W/B acrylic solutions

SECTION VI B HEALTH HAZARD DATA (CONT.)

INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, START ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY IF SWALLOWED.

CHRONIC EFFECTS OF OVEREXPOSURE: PROLONGED EXPOSURE MAY CAUSE SEVERE SKIN IRRITATION, DERMATITIS, AND SENSITIZATION. SENSITIZED PERSONS MAY EXPERIENCE RAPID IRRITATION OF SKIN UPON EXPOSURE.

SECTION VII - SPILL OR LEAK PROCEDURES.

SPILLS OR LEAKS: ABSORB SPILL WITH AN INERT ABSORBENT MATERIAL, THEN PLACE IN A WASTE DISPOSAL CONTAINER. AVOID RUNOFF IN SEWERS OR DRAINAGE DITCHES.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. PRODUCT IS COMMON WASTE.

HANDLING AND STORAGE: STORE IN COOL, DRY, WELL VENTILATED PLACE. KEEP AWAY FROM HEAT AND OPEN FLAME. AVOID PROLONGED OR REPEATED INHALATION OF HEATED VAPORS, SPRAY MISTS, OR DUST CLOUDS. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

OTHER PRECAUTIONS: NONE KNOWN.

SECTION VIII - SAFE HANDLING AND USE INFORMATION.

VENTILATION REQUIREMENTS: LOCAL (X) MECHANICAL () OTHER ()

RESPIRATORY PROTECTION (Specify Type): USE NIOSH APPROVED RESPIRATOR AS OUTLINED IN 30CFR11 AND 29CFR1919.134 OR AIR SUPPLIED RESPIRATORS WITH FULL FACE WHEN TLV/PEL ARE EXCEEDED.

PROTECTIVE GLOVES: NEOPRENE RUBBER

EYE PROTECTION: SPLASH GOGGLES OR FACE SHIELD.

OTHER PROTECTIVE EQUIPMENT:

SECTION IX - SPECIAL PRECAUTIONS.

OTHER PRECAUTIONS: KEEP CONTAINERS AND BAGS CLOSED WHEN NOT IN USE. WASH THOROUGHLY AFTER HANDLING.

NOTE: THE ABOVE INFORMATION IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, SINCE DATA SAFETY STANDARDS, AND GOVERNMENT REGULATIONS ARE SUBJECT TO CHANGE AND THE CONDITIONS OF HANDLING, AND USE, OR MISUSE, ARE BEYOND OUR CONTROL. GEMSTONE SYSTEMS, INC., MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. USER SHOULD SATISFY HIMSELF THAT HE HAS ALL CURRENT DATA RELEVANT TO HIS / HER PARTICULAR USE.