

**MATERIAL SAFETY DATA SHEET**  
**SILICONE PAINTING MEDIUM**

**SECTION I**

MANUFACTURER: ARTMOLDS  
ADDRESS: 18 BANK ST, SUMMIT NJ 07901  
EMERGENCY TELEPHONE# 908-273-5401  
CHEMICAL NAME AND SYNONYMS, D-3430, D-3430 WHITE, D-3430SP  
CHEMICAL FAMILY: 1 Part RTV Silicone Dispersion  
FORMULA: Not a single chemical  
DOT CLASSIFICATION: PETROLEUM DISTILLATES N.O.S (XYLENE) CL3, UN 1268, GROUP 11, FLAMMABLE

**SECTION II HAZARDOUS INGREDIENTS**

Xylene 52-65% CAS# 1330-20-7  
Polysiloxane Mixture > 35 CAS # 63148-60-7  
Ethylbenzene <13 Cass#100-41-4

**SECTION III PHYSICAL DATA**

BOILING POINT (F): 280F SPECIFIC GRAVITY (H2O=1): 0.87  
VAPOR PREEURE (mm Hg): 6-6.7 mm Hg @68°f  
PERCENT VOLATILE BY VOLUME 1(%):30  
VAPOR DENSITY (AIR=1): 3.7  
EVAPORATION RATE (nBuAc=1): 0.6 (BUTYLACETATE=1)  
SOLUBILITY IN WATER: INSOLUBLE  
APPEARANCE AND ODOR: Clear or White liquid-solvent order  
VOC RATING: 308 Grams/Liter (D3430SP), 231 Grams/Liter (D3430 & D3430white)  
PH: N/A

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED):79F  
FLAMMABLE LIMITS: Lel-0.9, Uel-6.0  
EXTINGUISHING MEDIA: Foam, dry chemical or carbon dioxide or other media for Class B fires  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Forms combustible and/or explosive mixtures with air. This material is flammable and may ignite by heat, spark, flames, or other source of ignition. Vapors can travel long distance to source of ignition.

**SECTION V HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: XYLENE: ACGIH: TWA: 100ppm STEL: 150ppm  
OSHA: 100ppm 125ppm  
Respiratory Protection: When respirators are required. Select NIOSH/MSHA approved equipped. Based on actual or potential airborne concentrations and in accordance with appropriate regulatory standards and/or industrial recommendations. Under normal conditions, in the absence of other airborne contaminants, the following devices should provide protection from this material up to the conditions specified by the appropriate

OSHA, WHMIS or ANSI standards: Air-purifying (half-mask/full-face) respirator with cartridges/canister approved for use against organic vapors.

**SKIN:** Skin contact should be minimized through use of gloves and suitable long sleeved clothes. Consideration must be given both to durability as well as permeation resistance.

**EYES:** Eye and face protection will vary by work environment conditions and material handling practices. Use ANSI Z87 Approved equipment. It is generally regarded good practices to wear a minimum of safety glasses with side shields or goggles when working in industrial environments!

**SKIN & INGESTION:** Personal hygiene is an important work practice to avoid exposure when handling this material.

- 1) Do not store, use and consume foods, beverage, tobacco products or cosmetics, in areas where this material is stored
- 2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics or using the toilet.
- 3) Wash exposed skin promptly to remove accidental splashes or contact with material;

#### **SECTION VI REACTIVITY DATA**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Heat, Open Flame, Sparks, Static Electricity

**INCOMPATIBILITY (MATERIALS TO AVOID):** None

**HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL:**

**DIMETHYLCYCLOSILOZANES, METHYLPHENYLCYCLOSILOXANE**

**HAZARDOUS POLYMERIZATION:** Will not occur

**DECOMPOSITION TYPE:** Oxidative/Thermal; Formaldehyde

#### **SECTION VII SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Contain the spill or leak, absorb with sand or sawdust. Solvent containing waste is considered hazardous and must be disposed of by a licensed toxic waste hauler as prescribed by law. Avoid inhaling vapors and take steps to prevent vapors from reaching an ignition source because the material is volatile and flammable and/or explosive. Use non-sparking tools.

**WASTE DISPOSAL METHOD:** Can be burned in accordance with regulations. Fully cured and devolitized material is considered non-hazardous and may be disposed of in landfills as prescribed by law.

#### **SECTION VIII SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION (SPECIFY TYPE):** Self contained air supply air masks for entering areas of concentrated vapors.

**PROTECTIVE GLOVES:** Plastic film or rubber gloves

**EYE PROTECTION:** Safety Glasses

**OTHER PROTECTIVE EQUIPMENT:** Eye wash equipment

**NFPA HAZARD CLASS- HEALTH 2, FLAMMABILITY 3, REACTIVITY 0**

Dot Classification: PETROLEUM DISTILLATES N.O.S (XYLENE) CL3, UN 1268,  
GROUP11, FLAMMABLE

Prop 65: Listed, Xylene, Petroleum Distillate (this material is listed in state California to  
cause cancer and birth defects).

SARA 313: Listed Xylene 52-65% Cas# 100-41-4