

UNITY - MATERIAL SAFETY DATA SHEET
U.S. Department of Labor
Occupational Safety & Health Administration

WC 44 – PART B

SECTION 1 - IDENTIFIERS

SUPPLIER: Unity Creations, Ltd. / Unity Surfacing Systems
ADDRESS: 3997 RT 9W Saugerties, NY. 12477
TELEPHONE: (845) 246-2700

In an emergency, contact CHEMTREC 1-800- 424-9300;
TRADE NAME: WC 44 Part B
CHEMICAL FAMILY: Acrylic/Pigment Dispersion

SECTION 2 – HAZARD IDENTIFICATION & EMERGENCY OVERVIEW

Emergency Overview: Particulates, ashes and soot may be emitted during burning or incomplete combustion.
Closed container may rupture under extreme heat.

Effects of Overexposure:

SKIN: Irritant to skin. Prolonged or repeated contact may cause defatting and/or dermatitis.

EYES: Direct contact may cause burning, tearing, redness or swelling.

BREATHING: Irritant to respiratory tract. Prolonged breathing of vapors may cause headache, dizziness, or nausea.

SWALLOWING: May cause irritation of the digestive tract; drowsiness; dizziness; loss of coordination; fatigue.

SECTION 3 - COMPOSITION COMPONENT	CAS #	APPROX %	TLV
Titanium Dioxide	13463-67-7	65.0	
Aldehyde Resin	2110-1200-0	15.0	
Aromatic 100	64742-95-6	10.0	
PM Acetate	108-65-6	10.0	

KNOWN CARCINOGENS OR MUTAGENS - TYPE & DEFINITION – None known

SECTION 4 – FIRST AID MEASURES

SKIN: Wash well with soap and water; remove contaminated clothing and wash before reuse.

EYES: Flush eyes with clear water for 15 minutes. Get immediate medical attention.

BREATHING: Remove victim to fresh air, away from vapors.

SWALLOWING: Do NOT induce vomiting. Get medical attention immediately.

SECTION 5 – FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 108°F

FLAMMABLE LIMITS: LeI 1.0; UeI 6.0

EXTINGUISHING MEDIA: Water fog; carbon dioxide; dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: Do not use water, except as foam.

UNUSUAL FIRE & EXPLOSION HAZARDS: Keep away from excessive heat or open flame.

DECOMPOSITION PRODUCTS: Combustion will produce carbon dioxide and possibly carbon monoxide.

SECTION 6 – SPILL OR LEAK PROCEDURES

Cover with a layer of sand or other suitable absorbent. Use protective measures as outlined in Section 8 below.
Avoid contact with skin, eyes and clothing.

SECTION 7 – HANDLING & STORAGE

CAUTION: flammable liquid. Keep away from all sources of ignition. Use with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid contact with moisture.

SECTION 8 – PERSONAL PROTECTION/EXPOSURE CONTROLS

RESPIRATORY PROTECTION (SPECIFY TYPE): In confined spaces, use fresh air hood or NIOSH certified organic vapor canister unit. If used indoors, ventilate well using a general or local exhaust ventilation.

EYE PROTECTION: Wear chemical splash goggles or face shield. Do not wear contact lenses while working with this material.

SKIN PROTECTION: Nitrile rubber gloves to prevent skin contact.

OTHER PROTECTIVE EQUIPMENT: Coveralls and/or apron, rubber shoes or boots, eye wash station or fresh running water should be readily available.

PERSONAL HYGIENE: Wash hands thoroughly after handling and especially before eating or smoking. Shower at the end of work shift. Wash contaminated clothing before reuse.

SECTION 9 – PHYSICAL DATA

BOILING POINT (F)	280-350° F	SPECIFIC GRAVITY (H ₂ O=1)	1.89
VAPOR PRESSURE (mm Hg)	2.1	PERCENT, VOLATILE BY VOLUME	20
VAPOR DENSITY (AIR=1)	4.4	EVAPORATION RATE (N.B.A.=1)	<1.0
SOLUBILITY IN WATER	Insoluble	pH	N/A
APPEARANCE & ODOR - Paste; acetate odor – Color will vary			

SECTION 10 - REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): Keep away from excessive heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and possibly carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Excessive heat and open flames.

SECTION 11 – TOXICOLOGICAL INFORMATION

See reference data for individual components.

SECTION 12 – ECOLOGICAL INFORMATION

See reference data for individual components.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

PROPER SHIPPING NAME:	Paint
HAZARD CLASS:	3
PACKING GROUP:	3
ID #:	UN 1263
RQ:	None

TRANSPORT LABELS REQUIRED: Flammable liquid. (In the U.S., this material may be re-classified as a combustible liquid and is not regulated in containers less than 119 gallons via surface transportation.)

SECTION 15 – REGULATORY INFORMATION

See reference data for individual components.

SECTION 16 – OTHER INFORMATION (HMIS RATING)

Health	1
Flammability	2
Physical Hazard	0
Personal Protection	G

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