

**Material Safety Data Sheet:
Retention 2.0 Adhesive**

FOR PROFESSIONAL USE ONLY

Issued : 06.01.2025

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:

Retention 2.0 Adhesive

COMPANY IDENTIFICATION; MANUFACTURER OR DISTRIBUTOR:

Untamed Artistry Inc.

A-10109 McDonald Park Rd
Sidney, BC V8L 5X5
Canada

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% CONTENT
Ethyl Cyanoacrylate	7085-85-0	91
Polymethyl Methacrylate	9011-14-7	4
Carbon Black	1333-86-4	5

SECTION 3 -HAZARDS IDENTIFICATION

EMERGENCY CLASSIFICATION:

Flammable liquids; Serious eye damage/eye irritation. Skin corrosion/irritation; Skin sensitization;
Specific target organ system toxicity-single exposure.

WARNING INFORMATION:



HAZARD STATEMENT:

Can cause: Eye irritation; Skin irritation; Allergic skin reaction; Respiratory irritation; Drowsiness; and Dizziness. Combustible liquid.

SECTION 4 – FIRST AID MEASURES

EYE CONTACT:

EYELID BONDED CLOSED: Do not force open. Get immediate medical attention.

EYELID ABLE TO OPEN: Hold the eyelid open while rinsing thoroughly but gently with water for 15 minutes. Get immediate medical attention. Do not use any solvents to flush the eye and its surroundings.

Adhesive may sting the eye temporarily. Solidified adhesive may cause a corneal abrasion and should be treated by a medical professional.

SKIN CONTACT:

Do not pull skin apart. Use adhesive remover or acetone and carefully peel or roll apart. Cleanse and rinse skin thoroughly. Get medical attention if irritation persists.

In case of skin contact through clothing or large spills on skin- burns may occur. Get immediate medical attention.

INGESTION:

Ensure breathing passageways are not obstructed. Unlikely to ingest due to the polymerization process of the product when in contact with moisture. If accidentally swallowed, immediately contact the local poison control center or emergency room for any other additional treatment directions.

INHALATION:

Remove to fresh air. Get medical attention if irritation persists. If experiencing difficulty breathing, get immediate medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

GENERAL FIRE HAZARDS:

See Section 9 for Flammability Properties.

Keep away from heat and flame.

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon.

SUITABLE EXTINGUISHING MEDIA:

In case of fire: Use water spray, dry chemical, foam or CO2. Use water to keep fire-exposed containers cool.

UNSUITABLE EXTINGUISHING MEDIA:

None.

FIRE FIGHTING EQUIPMENT / INSTRUCTIONS:

Firefighters should wear full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

RECOVERY AND NEUTRALIZATION:

Stop the flow of material, if this is without risk.

MATERIALS AND METHODS FOR CLEAN-UP:

Eliminate all ignition sources. Soak up with absorbent material (do not use cloths) or polymerize slowly with water at a 10 water : 1 adhesive ratio and scrape up. Remove to a chemical disposal area.

EMERGENCY MEASURES:

Isolate area. Keep unnecessary personnel away.

PERSONAL PRECAUTIONS AND PROTECTIVE EQUIPMENT:

Wear suitable respiratory protection (EN405, FFA2, or EN140 A2). Wear polyethylene or polypropylene gloves. Use eye protection (BS EN 166). Wear suitable protective clothing.

ENVIRONMENTAL PRECAUTIONS:

Prevent entry into natural bodies of water.

PREVENTION OF SECONDARY HAZARDS:

None.

SECTION 7 – HANDLING AND STORAGE

HANDLING PROCEDURES:

Handle in accordance with good industrial hygiene and safety practices. Avoid inhalation of vapour. Ensure adequate ventilation and use local vapour extraction. Avoid unnecessary exposure and removal of the product from eyes, skin and clothing. Wash thoroughly after handling.

STORAGE PROCEDURES:

Keep away from amines. Store in a cool, dry area away from sun and heat. Keep containers tightly closed and labelled. Exposure to small amounts of moisture, even moisture in air, causes polymerization and renders the product unusable. Keep away from heat, sparks, flames, and other sources of ignition.

INCOMPATIBILITIES:

Water, alcohols, amines, bases, cotton-based products, and direct UV.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES:

If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY: If airborne concentrations are above the applicable exposure limits, wear suitable respiratory protection (EN405, FFA2, or EN140 A2).

HANDS: Wear polyethylene or polypropylene gloves.

EYES: Use eye protection if contact is likely (BS EN 166).

SKIN AND BODY: Wear suitable protective clothing (chemical resistant). Avoid cotton clothing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Black Liquid 0.13mmHg at 20°C Insoluble Soluble in some organic solvents
PHYSICAL STATE:	such as acetone and methyl ethyl ketone). 195°C N/A N/A N/A < 1 N/A 80-
VAPOR PRESSURE:	93.4°C 150~200 CPS AT 25°C Irritating N/A > 1 1.03 N/A CC (Closed Cup) 485°C
SOLUBILITY (IN H2O):	N/A N/A
SOLUBILITY (IN SOLVENTS):	
BOILING POINT:	
FREEZING POINT:	
MELTING POINT:	
BURNING RATE:	
EVAPORATION RATE:	
VOC:	
FLASH POINT:	
VISCOSITY (CPS,@20°C):	
ODOR:	
pH:	
VAPOR DENSITY (AIR=1):	
SPECIFIC GRAVITY:	
OCTANOL/H2O COEFF:	
FLASH POINT METHOD:	
AUTO IGNITION:	
UFL:	
LFL:	

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY:

Stable, but may become unstable at high temperatures or may react with water.

HAZARDOUS POLYMERIZATION:

Will not occur.

CONDITIONS TO AVOID:

High temperatures, flames, moisture, and direct sunlight.

INCOMPATIBLE PRODUCTS:

Water, alcohols, amines, bases, cotton-based products, and direct UV.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon.

SECTION 11 – TOXICOLOGICAL INFORMATION

GENERAL PRODUCT INFORMATION:

None anticipated under normal product use conditions.

POTENTIAL HEALTH EFFECTS:

SKIN CORROSION PROPERTY / STIMULATIVENESS: Bonds skin instantly. Causes irritation.

EYE CRITICAL DAMAGE / STIMULATIVENESS: Bonds eyelids instantly. Causes irritation.

INGESTION: This product is not reported to have any ingestion hazards.

INHALATION: May be harmful if inhaled. Vapor may cause irritation of nose, throat, and lungs.

RESPIRATORY ORGANS SENSITIZATION / SKIN SENSITIZATION: This product is not reported to have skin sensitization effects.

GENERATIVE CELL MUTAGENICITY: This product is not reported to have any mutagenic effects.

CARCINOGENICITY:

- A. GENERAL PRODUCT INFORMATION: No information available for the product.
- B. COMPONENT CARCINOGENICITY: Methyl methacrylate polymer - IARC: Supplement 7 [1987]; Monograph 19 [1979] (Group 3 (not classifiable))

REPRODUCTIVE TOXICITY: This product is not reported to have any reproductive toxicity effects.

SPECIFIED TARGET ORGAN GENERAL TOXICITY - SINGLE EXPOSURE: This product is not reported to have any specified target organ single exposure effects.

SPECIFIED TARGET ORGAN GENERAL TOXICITY - REPEATED EXPOSURE: This product is not reported to have any specified target organ repeat exposure effects.

ASPIRATION RESPIRATORY ORGANS HAZARD: This product is not reported to have any aspiration hazards.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY: No information available for the product.

AQUATIC TOXICITY: No information available for the product.

PERSISTENCE / DEGRADABILITY: No information available for the product. BIOACCUMULATION: No information available for the product. MOBILITY IN SOIL: No information available for the product.

SECTION 13 – DISPOSAL CONSIDERATION

WASTE DISPOSAL INSTRUCTIONS: See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

DISPOSAL OF CONTAMINATED CONTAINERS OR PACKAGING: Dispose of contents and container in accordance with local, regional, national, and international regulations.

SECTION 14 – TRANSPORT INFORMATION

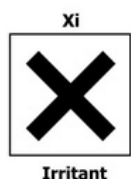
IATA INFORMATION: Shipping Name - Not Regulated

ICAO INFORMATION: Shipping Name - Not Regulated

IMDG INFORMATION: Shipping Name - Not Regulated

SECTION 15 – REGULATORY INFORMATION

HAZARD LABELS:



RISK AND SAFETY PHRASES:

R36/37/38 Irritating to eyes, respiratory system, and skin.

R43 S26 May cause sensitization by skin contact.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of soap and water.

S37/39 Wear suitable gloves and eye/face protection.

SECTION 16 – OTHER INFORMATION

The information herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, no warranty of representation, expressed or implied is made as to the accuracy or completeness of the foregoing data and safety information. The user assumes all liability for any damage or injury resulting from the abnormal use from any failure to adhere to recommended practices or from any hazard inherent in the nature of the product.