



**SAFETY DATA SHEET
ADHESION PROMOTER**

CRX2017-288
October 4, 2017
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1. Identification of the Preparation and of The Company

Product Name and/or Code: Adhesion Promoter
Effective Date: 4-Oct-17
Manufacturer: Color Craft Ltd/ Createx Colors
14 Airport Park Road, PO Box 120
East Granby, CT 06026
Information Contact: 860-653-5505
860-653-5505
Emergency Contact: Contact your local Poison Control Center.
Product Use: ART MATERIAL - Consumer Product.

2. Hazards Identification

Emergency Overview
CAUTION! IRRITANT.

Classification of the Product:

Label Elements

Conforms to ASTM D-4236

Pictograms



GHS07

Signal Word

CAUTION!

Hazard Statement

Causes eye and skin irritation.

Precaution Statement

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. **Use with adequate ventilation.**

First Aid Statement

In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

Children's Statement

KEEP OUT OF THE REACH OF CHILDREN.

NFPA

Health: 1

Flammability: 0

Reactivity : 0

HMIS

Health : 1

Flammability: 0

Physical Hazard: 0

Regulation (EC) No. 1272/2008

Studies have not been performed on this particular mixture. *The information below is based on data in the individual ingredients.*



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Acute Toxicity 4 H302; Acute Toxicity H312; Skin Irritation 2 H315; Eye Irritation 2 H319; Acute Toxicity 4 H332; Flammable liquid 3 H226; STOT SE 3 H336; Eye Damage 1 H318; Skin Sensitizer 1 H317; Aquatic Acute 1 H400; Flammable liquid 3 H225; Acute Toxicity 4 H314.

3. Composition/Information on Ingredients:

Substances:

Mixture of the following chemicals: Water (CAS No. 7732-18-5) < 45.00%
Triethylamine (CAS No. 121-44-8) < 1.00%
BIT: 1,2 -Benzisothiazol-3(2H)-one, 1,2 -Benzisothiazolin-3-one (CAS No. 2634-33-5) < 50PPM

** This product contains a variety of detergents which are associated with the irritation warning as well as other non-hazardous ingredients.*

Risk and Safety Phrases:

Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and no workplace-related occupational exposure limits are specified for any of the listed ingredients. These ingredients are regarded as trade secrets.

4. First Aid Measures

Inhalation If affected, remove to fresh air.
Skin Contact Wash the affected area thoroughly with plenty of soap and water.
Eye Contact Carefully flush with water for 15 minutes and get medical attention immediately.
Ingestion Drink water or milk to dilute. Do not induce vomiting. Contact a physician.

5. Firefighting Measures

Extinguishing Media Water, foam, carbon dioxide or dry chemical equipment.
Fire/Explosion Hazards This product is not known to present any fire hazard.
Flashpoint/Flammability This product is not flammable.

6. Accidental Release Measures

Environmental Precautions Avoid release to the environment. *Studies have not been performed on this particular mixture.*
Methods and Materials for Containment and Cleaning up Contain spill. Recover as much as possible. Absorb remainder with an inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water.



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7. Handling and Storage

Safe Handling Use under ventilated conditions. Avoid eye and skin contact. For personal protection, we recommend that employees wash thoroughly after handling product. Always wash before eating, smoking or using toilet facilities. Keep container closed when not in use. Keep container upright to prevent leakage.

Storage Store between 50-100 deg. F., ideally 70 deg. F.

8. Exposure Controls/Personal Protection

Personal Protective Equipment Wear goggles where spills or splashing may occur. Wear water resistant impervious gloves if handling bulk amounts.

Exposure Limits

Substance	CAS#	OSHA PEL		NIOSH REL	ACGIH
		mg/m ³	8 hr TWA(ST) STEL (C) Ceiling	Up to 10 - hr TWA (ST) STEL (C) Ceiling	8 hr TWA (ST) STEL (C) Ceiling
Triethylamine	121-44-8	N/A	25 PPM	N/A	2 PPM (ST)
1,2-Benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one	2634-33-5	NOT ESTABLISHED			

Respiratory and Ventilation Wear approved NIOSH/MSHA respirator if exposure to mist or vapor exceed applicable PEL/TLV limits. Use in accordance with manufacturer's use limitations and OSHA STANDARD 1910-34. Local ventilation may be used to prevent routine inhalation.

Skin Protection Wear water resistant impervious gloves if handling bulk amounts.

Eye Protection Wear goggles where spills or splashing may occur.

9. Physical and Chemical Properties

Appearance White

Physical State Liquid

VOC Content 30.43 g/L Regulatory

Solids percentage 20.85

Color White

Odor Acrylic-like.

Boiling Point Not determined.

Freezing Point Not determined.

State (pH) Neutral

Specific Gravity Not determined.

Viscosity Not determined.

Flashpoint Not applicable to this mixture.

Vapor Pressure Not applicable to this mixture.

Vapor Density <1

Solubility in Water Miscible

10. Stability and Reactivity



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Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Elevated temperatures (>50°C) and freezing.
Incompatible Materials	None known.
Hazardous Decomposition Products	No dangerous decomposition products known. Decomposition products depend on conditions.

11. Toxicological Information

Health Effects:	Studies have not been performed on this particular mixture. The information below is based on data in the individual ingredients.
Oral	<i>BIT: US 500.00000000 mg/kg body weight Triethylamine: LD50 Rat: 460 mg/kg</i>
Dermal	<i>BIT: No data available. Triethylamine: LD50 Rabbit: 416 mg/kg</i>
Inhalation	<i>BIT: No data available. Triethylamine: LC50 (4h) Rat: 4.2 mg/l</i>
Eye Effects	Causes eye irritation.
Dermal Effects	Causes skin irritation.
Sensitization Effects	None known for the usual and ordinary uses of this product.
Inhalation Effects	None known for the usual and ordinary uses of this product.
Ingestion Effects	None known for the usual and ordinary uses of this product.
<u>Additional Toxicological Information:</u>	<i>When used and handled according to specifications, the product does not have any harmful effects according to past experience and the information provided by the manufacturer.</i>

12. Ecological Information

Toxicity:	Not expected to be harmful to the environment. <i>Studies have not been performed on this particular mixture.</i>
Aquatic toxicity	<i>BIT: 1,2- Benzisothiazol-3(2H)-one, 1,2- Benzisothiazolin-3-one is a substance known to be very toxic to aquatic life.</i>
Persistence and Degradability	No information available.
Bio Accumulative Potential	No information available.
Mobility in Soil	No information available.
Additional Ecological Information	No information available.

13. Disposal Considerations

Dispose of all waste material in accordance with all applicable federal, state and local regulations for the disposal of aqueous polymer wastes.



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14. Transport Information

DOT Non-Bulk	This regulation does not apply to the non-bulk material.
Shipping Name	Not regulated.
Technical Shipping Name	Not regulated.
Hazard Class	Not regulated.
UN Number	Not regulated.
Packing Group	Not regulated.
IMDG	This regulation does not apply to the non-bulk material.
Shipping Name	Not regulated.
Technical Shipping Name	Not regulated.
Hazard Class	Not regulated.
UN Number	Not regulated.
Packing Group	Not regulated.
EmS Number	Not regulated.
Marine Pollutant	Not regulated.
ICAO/IATA	This regulation does not apply to the non-bulk material.
Shipping Name	Not regulated.
Technical Shipping Name	Not regulated.
Hazard Class	Not regulated.
UN Number	Not regulated.
Packing Group	Not regulated.
Marine Pollutant	Not regulated.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture.

SARA	Not applicable to this mixture.
Section 355 (Extremely hazardous substances)	Not applicable to this mixture.
Section 313 (Specific toxic chemical listing)	Not applicable to this mixture.
TSCA (Toxic Substance Control Act)	All ingredients are listed.
<i>Proposition 65</i>	WARNING: Cancer and Developmental - www.P65Warnings.ca.gov As of September 15, 2017, this product contains listed substances known to the State of California to cause cancer, at levels which would require a warning under the statute.



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Carcinogenicity Categories:

EPA (Environmental Protection Agency)	Not applicable to this mixture.
TLV (Threshold Limit Value established by ACGIH)	Refer to section 8.
MAK (German Maximum Workplace Concentration)	Not applicable to this mixture.
NIOSH (National Institute for Occupational Safety & Health)	Not applicable to this mixture.
OSHA (Occupational Safety & Health Administration)	Not applicable to this mixture.

16. Other Information

Product	Hazardous Ingredient
7040 Adhesion Promoter	(None)

Reason for Issue:	New Product
Prepared by:	Rudolph J. Jaeger, Ph.D., DABT, ERT (UK) Chief Toxicologist and President ENVIRONMENTAL MEDICINE, INC. 778 CARVER AVENUE WESTWOOD, NJ 07675 jaegerr@envmed.com 201-666-7929 x13

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Abbreviations and acronyms:

NFPA (SCALE 0-4) National Fire Protection Association (USA)

Health: 1	Caution: May be irritating.
Fire: 0	Not combustible.
Reactivity: 0	Not reactive when mixed with water.

HMIS (SCALE 0-4) Hazardous Materials Identification System (USA)

Health: 1	Irritation or minor reversible injury possible.
Fire: 0	Materials that will not burn.
Reactivity: 0	Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.



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H Statements

- H225 - Highly Flammable liquid and vapour.
- H226 - Flammable liquid and vapour.
- H302 - Harmful if swallowed.
- H312 - Harmful in contact with skin.
- H314 - Causes severe skin burns and eye damage.
- H315 - Causes skin irritation.
- H317 - May cause an allergic reaction.
- H318 - Causes serious eye damage.
- H319 - Causes serious eye irritation.
- H332 - Harmful if inhaled.
- H336 - May cause drowsiness and dizziness.
- H400 - Very Toxic to aquatic life.

Exposure Limits

- TWA - Time Weighted Average (8 hr.)
- STEL - Short Time Exposure Limit (15 min.)
- REL - Recommended Exposure Limit
- PEL - Permissible Exposure Limit
- IDLH - Immediately Dangerous to Life or Health