

This Safety Data Sheet has been prepared to conform to EU Regulation No. 1907/2006 and 2015/830.

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION
AND THE COMPANY/UNDERTAKING**

1.1 Product Identifier:

Trade Name:
Part Number:
SDS Date of Preparation: June 16, 2016

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Product Use: Use for attaching plastic airplane canopies and plastic parts. Can be used for vinyl and plastic materials, and to bond all hinge materials.
Uses Advised Against: None known.

1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer: Pacer Technology
3281 E. Guasti Rd., Suite 260
Ontario, CA 91761
Information Phone Number: (909) 987-0550
E-mail: info@pacertechnology.com

1.4 Emergency Telephone Number:

Emergency Spill Information: CHEMTREC Domestic North America: (800) 424-9300
CHEMTREC International: (703) 527-3887

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture:

GHS/CLP Regulation (EC) No 1272/2008:

Physical	Health	Environment
Not Classified	Skin Sensitizer Category 1 (H317)	Not Classified

2.2 Label Elements:

Warning!



Contains: 5-Chloro-2-methyl-4-isothiazoline-3-on and 2-methyl-4-isothiazoline-3-on (mixture in a ratio of 3:1)

Hazard Phrases

H317	May cause an allergic skin reaction.
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Precautionary Phrases

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P280	Wear protective gloves.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P333 + P313	If skin irritation or rash occurs: Get medical attention.

P363	Wash contaminated clothing before reuse.
P501	Dispose of contents and container in accordance with local and national regulations.

2.3 Other Hazards: None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture:

Chemical Name	CAS#	EINECS#	CLP Annex VI Classification	%
Vinyl acetate-ethylene copolymer (dispersion in water)	Proprietary	Proprietary	Not Classified	Balance
5-Chloro-2-methyl-4-isothiazoline-3-on and 2-methyl-4-isothiazoline-3-on (mixture in a ratio of 3:1)	55965-84-9	247-500-7 220-239-6	Acute Tox. Cat 3 (H301, H311, H331), Eye Dam. Cat 1 (H318), Skin Corr. Cat 1B (H314), Skin Sens. Cat 1 (H317), Aquatic Acute Cat 1 (H400), Aquatic Chronic Cat 1 (H410)	<0.01

See Section 16 for further information on GHS Classification.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye: Rinse thoroughly with water, while holding the eye lids open to be sure the material is washed out. Get medical attention if irritation occurs.

Skin: Remove contaminated clothing and shoes. Flush skin with water for several minutes. Get medical attention if irritation or rash occurs. Launder clothing before re-use.

Inhalation: Remove victim to fresh air. Get medical attention if you feel unwell.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. If irritation or discomfort occurs, get medical attention.

4.2 Most Important symptoms and effects, both acute and delayed: Direct contact with liquid may cause skin sensitization.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention should not be required.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media: Use media appropriate for surrounding fire.

5.2 Special Hazards Arising from the Substance or Mixture:

Unusual Fire and Explosion Hazards: This product is an aqueous solution is not flammable. Dried up material is combustible.

Combustion Products: Oxides of carbon, and acetic acid.

5.3 Advice for Fire-Fighters:

Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid contact with skin or clothing. Wear appropriate protective clothing to prevent eye and skin contact including impervious gloves, safety goggles and respirator if needed. Avoid breathing vapors. Ventilate area.

6.2 Environmental Precautions:

Report spills and releases as required to appropriate authorities.

6.3 Methods and Material for Containment and Cleaning Up:

Cover with an inert absorbent material and collect into an appropriate container for disposal.

6.4 Reference to Other Sections:

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling: Avoid breathing vapors. Use with adequate ventilation. Avoid contact skin and clothing. Wear appropriate protective clothing as described in Section 8. Wash thoroughly after handling. Keep container closed when not in use.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a container in a cool, well-ventilated location away from incompatible materials. Keep container tightly closed when not in use. Minimum temperature allowed during storage and transportation 0°C (32°F). Protect against frost.

7.3 Specific end use(s): Consumer use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	Exposure Limits
Vinyl acetate-ethylene copolymer (dispersion in water)	None Established
5-Chloro-2-methyl-4-isothiazoline-3-on and 2-methyl-4-isothiazoline-3-on (mixture in a ratio of 3:1)	None Established

8.2 Exposure Controls:

Ventilation: Use with adequate general or local exhaust ventilation to minimize exposures levels.

Personal Protective Equipment:

Respiratory Protection: In operations where exposure levels are excessive, an approved respirator with applicable cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Skin Protection: Impervious gloves such as rubber or vinyl gloves are suggested to prevent skin contact. Contact your glove supplier for selection assistance. In Europe follow EN 374.

Eye Protection: Chemical safety glasses or goggles are recommended where splashing is possible. In Europe follow EN 166.

Other Protective Equipment: Impervious clothing is required to prevent skin contact and contamination of personal clothing. In Europe follow EN 13034. An eye wash facility and safety shower should be available in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

Appearance: White liquid	Vapor Density: No data available
Odor: Weak odor	Solubility(ies): Moderately soluble in water
Odor Threshold: No data available	Partition Coefficient (Octanol/Water): No data available
pH: 4.0-5.0	Auto-ignition Temperature: No data available
Melting Point/Freezing Point: 0°C (32°F) (approximate)	Decomposition Temperature: No data available
Initial Boiling Point/Range: 100°C (212°F) (approximate)	Viscosity: 1800-2700 mPa·s @ 25°C (77°F)
Flash Point: No data available	Explosive Properties: Not explosive
Evaporation Rate: No data available	Oxidizing Properties: Not an oxidizer
Flammable Limits: LEL: No data available	Relative Density: 1.05 g/cm ³

UEL: No data available	
Vapor Pressure: 23 hPa @ 20°C (68°F)	Flammability (solid, gas): Not applicable

9.2 Other Information: None available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Not reactive

10.2 Chemical Stability: Stable under normal storage and handling conditions.

10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4 Conditions to Avoid: Avoid extremes of temperature.

10.5 Incompatible Materials: None known.

10.6 Hazardous Decomposition Products: Combustion will produce oxides of carbon, and acetic acid.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eye: This product is not expected to cause eye irritation.

Skin: Direct contact with liquid may cause an allergic skin reaction (sensitization).

Inhalation: Inhalation of vapors may cause respiratory tract irritation with coughing and sneezing.

Ingestion: This product contains only a small amount of liquid. No adverse effects are expected.

Chronic Hazards: None known.

Acute Toxicity Values:

This product was tested in accordance with OECD 423 guidelines.

Product: Oral rat LD50: >2000 mg/kg

Skin corrosion/irritation: This product was not irritating in rabbits when tested (OECD 404).

Eye damage/irritation: This product was not irritating in rabbits when tested (OECD 405).

Respiratory Irritation: No data available.

Respiratory Sensitization: No data available.

Skin Sensitization: No data available for the mixture. This product is classified as a skin sensitizer based on a Mixture containing: 5-Chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1). This mixture is classified as a skin sensitizer by the EU CLP with special concentration limits of greater than or equal to 0.0015%.

Germ Cell Mutagenicity: This product was negative in an in-vitro mutation assay with bacterial cells (OECD 471).

Carcinogenicity: None of the components of this product are listed as a carcinogen by the EU CLP.

Reproductive Toxicity: Reproductive harm is not expected from this product.

Specific Target Organ Toxicity:

Single Exposure: No data available

Repeat Exposure: No data available

Aspiration Hazard: Components are not aspiration hazards.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Product: 96 hr LC50 Rainbow trout: >100 mg/L (OECD 203)

This product is not expected to be harmful to the aquatic environment.

12.2 Persistence and Degradability: Vinyl acetate-ethylene copolymer: Not readily biodegradable .

12.3 Bioaccumulative Potential: No data available

12.4 Mobility in Soil: No data available

12.5 Results of PBT and vPvB Assessment: No data available

12.6 Other Adverse Effects: Not applicable

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

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

SECTION 14: TRANSPORTATION INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
EU ADR/RID	None	Not Regulated	None	None	Not applicable
IMDG	None	Not Regulated	None	None	Not applicable
IATA/ICAO	None	Not Regulated	None	None	Not applicable

14.6 Special Precautions for User: Not applicable

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

EUROPEAN REGULATIONS

REACH: These products comply with REACH regulation as applicable. For more information, contact Pacer Technology.

SVHC: This product contains the following Substances of Very High Concern (SVHCs): None.

15.2 Chemical Safety Assessment: No data available

SECTION 16: OTHER INFORMATION

Date of Current Revision: June 16, 2016

Revision Summary: New SDS

Date of Previous Revision: None

GHS Classification for Reference (See Sections 3):

Acute Tox. Cat 3 Acute Toxicity Category 3

Aquatic Acute Cat 1 Aquatic Acute Toxicity Category 1
Aquatic Chronic Cat 1 Aquatic Chronic Toxicity Category 1
Eye Dam. Cat 1 Eye Damage Category 1
Skin Corr. Cat 1B Skin Corrosion Category 1B
Skin Sens. Cat 1 Skin Sensitizer Category 1
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H331 Toxic if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

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This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Pacer Technology shall not be held liable for any damage resulting from handling or from contact with the above product.