



## ACRYLA TEC - SAFETY DATA SHEET

### 1. Identification of the Product & Company

Product name: Acryla Tec Coating (ATC)

Product Code: SDS is adequate for following Acryla Tec Coating products :  
ATC-50, ATC-100, ATC-200, ATC-300, ATC-400, ATC-500 (Not ATC-75)

Company: Acryla Tec Industries INC  
4551 NE 5<sup>th</sup> Terrace  
Oakland Park, FL 33334

Emergency Tel: (954) 937 66-95 USA, Florida

### 2. Hazards Identification

Classification of the substance or mixture  
This product contains certain ingredients subjected to GHS classification.

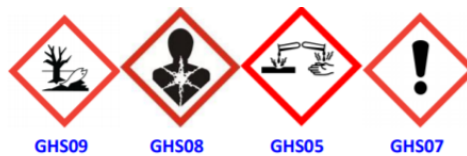
#### GHS-US Classification

Skin corrosion/irritation:	Category 2, H315
Eye irritation	Category 1, H320
Carcinogenicity:	Category 2, H351
Hazardous to Aquatic Environment, Acute:	Category 3, H402
Hazardous to Aquatic Environment, Long term:	Category 3, H412

#### Label Elements

The substance is classified and labeled according to the Globally Harmonized System (GHS).

#### Hazard Pictograms (GHS-US):



#### Signal words (GHS-US):

Warning

#### Hazard Statements (GHS-US)

H315 Causes skin irritation  
H320 Causes eye irritation  
H351 Suspected of causing cancer  
H402 Harmful to aquatic life  
H412 Harmful to aquatic life with long lasting effects

#### Precautionary statements (GHS-US)

##### Prevention:

P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray  
P264 Wash hands thoroughly after handling  
P270 Do not eat, drink or smoke when using this product  
P273 Avoid release to the environment  
P280 Wear protective gloves, clothing, and eye protection

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Response:

P302+P352: IF ON SKIN: Wash with soap and water  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens, if present and easy to do. Continue rinsing.  
 P310: Immediately call a POISON CENTER or doctor/ physician  
 P314: Get medical advice/attention if you feel unwell  
 P321: Specific treatment (see supplemental first aid instructions on this label)  
 P332+P313: If skin irritation occurs: Get medical advice / attention  
 P362: Take off contaminated clothing and wash before reuse

Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)-Annex III

Other hazards:

No other information available

Unknown acute toxicity (GHS-US)

No data available

**3. Composition/Information on Ingredients**

Substances

Chemical Name	Product Identifier	Percentage by Weight	GHS-US Classification
Acrylic Polymer (not chemical name)	N/A	80%	STOT RE 1, H372 Aquatic acute toxicity 1, H402 Aquatic chronic toxicity, H412
Titanium Dioxide	CAS # 13463-67-7 EINECS # 236-675-5	15%	Carcinogen 2, H351
3-iodo-2-propynyl butyl carbamate	CAS # 55406-53-6 EINECS # 259-627-5	1-5%	Acute toxicity 4, H302 Eye Damage 1, H318 Skin sensitization 1B, H317
Proprietary Biocide Mixture	CAS # 3586-55-8 CAS # 26172-55-4 CAS # 2682-20-4	1-5%	Skin irritant 2, H315 Eye Damage 2, H318 Aquatic Acute toxicity 3, H402 Aquatic Chronic toxicity 3, H412

Amounts specified are typical and do not represent a specification. Any other ingredients are either proprietary, non-hazardous or present in amounts below the reportable limits.

**4. First Aid Measures:**

Description of necessary first aid measures

First-aid measures general:

Remove contaminated clothing

First-aid measures after inhalation:

If affected, remove to fresh air. May cause nausea.

First-aid measures after skin contact:

Remove contaminants, use soap and water to wash skin.  
Seek medical attention if symptoms of irritation occur.

First-aid measures after eye contact:

Flush with copious amounts of water for at least 15-  
minutes. If irritation develops, seek medical attention.

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### First-aid measures after ingestion:

Do not induce vomiting. Call a physician or poison control center immediately for further instructions. Never give anything by mouth to an unconscious or convulsing person. If a person is conscious, rinse out the mouth with water and give plenty of water to drink. Get medical attention immediately.

### Most important and effects, both acute and delayed Symptoms:

None expected due to the non-classification of the product.

### Indication of any immediate medical attention and special treatment needed:

Treat symptomatically.

## 5. Firefighting Measures

Fire hazard:	Poses no fire related hazard. Non-combustible
Explosion hazard:	Non-explosive
Flash Point:	Not applicable.
Reactivity:	Will not facilitate or support combustion of other materials.
Hazardous decomposition:	None.
Firefighting instructions:	Not required
Protection during firefighting:	Wear protective clothing suitable to any storage area fire.
Extinguishing agents:	Use extinguishing media appropriate for the surrounding fire.

## 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

General measures:	Wear protective equipment as described under Section 8 and follow the advice of safe handling and use given under Section 7. Emergency procedures are not required.
For non-emergency personnel	
Protective equipment:	Wear chemical resistance (impervious) gloves
Emergency procedures:	High risk of slipping due to spillage/leakage of product
For emergency responders	
Protective equipment:	Not Applicable
Emergency procedures:	Not Applicable
Environmental precautions:	Avoid substance to enter drains, sewers or watercourses.
Methods and material for containment & cleaning up in according to regulations.	For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, rags etc.). Dispose of absorbed material
Reference to other sections:	See Section 7 for information on safe handling See Section 8 for information on personal protective equipment. See Section 13 for disposal information

## 7. Handling and Storage

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Keep the container closed and in an upright position when not in use.

### Hygiene measures

General occupational hygiene measures are required to ensure safe handling of the product. These measures involve good personal and house-keeping practices. Wash hands after use if contaminated. Avoid wearing contaminated clothing. In a dusty environment, wear a dust mask, protective goggles and gloves. Use other precautions if needed.

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Conditions for safe storage, including any incompatibilities

Storage conditions:

Keep from freezing and do not store above 32° C / 90° F

Storage area:

The product should be stored at ambient temperature, in a well-ventilated area and out of direct sunlight.

**8. Exposure Controls/Personal Protection**

Control parameters

Occupational exposure limits:

Chemical Name	CAS #/EINECS#	EXPOSURE LIMITS
Titanium Dioxide	13463-67-7 / 236-675-5	OSHA PEL 15 mg/m3 ACGIH TLV 10 mg/m3
Proprietary Mixture	26172-55-4 / 247-500-7 2682-20-4 / 220-239-6	OSHA PEL .076 mg/m3 /ACGIH STEL .23mg/m3 OSHA PEL 1.5 mg/m3 /ACGIH STEL 4.5 mg/m3

Exposure controls and protection

Appropriate engineering controls:

Ensure adequate ventilation, especially in confined areas. None required if good ventilation is maintained.

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Recommend particle filter air-purifying mask/cartridge N95 or P100 (NIOSH/MSHA)

Hand protection:

Wear protective gloves.

Eye protection:

Goggles or safety glasses should be worn where there is a possibility of splashing or spraying.

Thermal hazard protection:

Wear suitable protective clothing

Other information:

Avoid contact with skin and eyes.

**9. Physical and Chemical Properties**

Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Highly viscous dispersion
Color:	White / Grey / or other
Odor:	Faint
Odor threshold:	Not available
pH:	>8.0
Relative evaporation rate (butyl acetate=1):	<1 Slower
Melting point:	>0° C / >32° F
Boiling point:	>100° C / > 212° F
Auto-ignition temperature:	Not available
Decomposition temperature:	Not Determined
Flammability (solid, gas):	Not Applicable
Vapor pressure:	>1 mm Hg @ 20° C
VOC:	>50 Grams
Flash Point:	Not Applicable
Flash Point Method:	Not Applicable
Relative vapor density @ 20 o C:	Heavier than air
Relative density:	1- 1.2
Density:	9.38 lbs/Gallon 1.13 kg/ Liter
Solubility:	Diluted with water

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Log Kow: Not available  
 Viscosity, kinematic: Not available  
 Viscosity, dynamic: Not available  
 Explosive properties: Non-explosive  
 Oxidizing properties: None known  
 Explosive limits: Not Applicable

Other information: No further relevant information available

**10. Stability and Reactivity**

Reactivity: Not available  
 Chemical Stability: Product is stable under normal storage conditions  
 Conditions to Avoid: Avoid extreme heat and freezing conditions Incompatible  
 Materials: No materials to be especially mentioned  
 Hazardous Decomposition Products: None under normal use

**11. Toxicological Information**

Information on toxicological effects

**TOXICITY MEASURES:**

Chemical Name	LD50/LC50
Titanium Dioxide	Oral LD50: Rat >10,000 mg/kg GHS LC50 (vapor): Rat 55 mg/L
Proprietary Biocide Mixture	Oral LD50: Mouse 2,352 mg/kg Dermal LD50: Rabbit >2,000 mg/kg Inhalation LD50 : Rat 150-520 mg/m <sup>3</sup> /4h

Primary routes of exposure

Routes of entry are ingestion and inhalation, but may include eye or skin contact.

Assessment of acute toxicity: Virtually non-toxic after a single ingestion.  
 Virtually non-toxic after a single skin contact.  
 Virtually non-toxic after inhalation.  
 Ingestion may cause gastrointestinal disturbances.

Other information

The product is considered to be harmless to health if used in the correct manner.

**12. Ecological Information**

NOTE! All work practices must be aimed at eliminating environmental contamination.

Toxicity: Liquid product contains ingredients that can be toxic to terrestrial and aquatic plants, fish and aquatic invertebrates. Solid material has similar characteristics as rubber.

Persistence and degradability: The product can be virtually eliminated from water by abiotic processes e.g. adsorption onto activated sludge.

Bioaccumulation: Accumulation in organisms is not to be expected

Other adverse effects: Not determined for this product

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13. Disposal Considerations

Waste treatment methods/ Regional legislation (waste):

Dispose of waste and unused contents to landfill or in accordance with national and local regulations.

Waste disposal recommendations:

Ensure the use of properly authorized waste management companies where appropriate or uncertain.

14. Transport Information

Classification: The product is not covered by the international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID or U.S. Department of Transportation) and therefore no classification is required.

Shipping Name Non-regulated, Acryla Tec Coating (liquid water-based coating product)

Freight Class code: 55

Do Not Freeze

Non Flammable

Keep container in upright position during transportation

15. Regulatory Information

U.S. Federal Regulations

U.S. OSHA Regulatory Status:

This material is not classified as hazardous under OSHA regulations.

U.S SARA Reporting Requirements:

The following components of this product are subject to reporting requirements of sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.

Chemical Name	SECTION 302 EHS (TPQ) (40 CFR 355, Appendix A)	SECTION 304 RQ (40 CFR Table 302.4)	SECTION 313 TRI (40 CFR 372.65)
3-iodo-2-propynyl butyl carbamate	NO	NO	YES
Proprietary Biocide Mixture	NO	NO	YES

A Section 311/312 (40 CFR 370) Hazard Categories:

ACUTE: Yes CHRONIC: Yes FIRE: No REACTIVE: No SUDDEN RELEASE: No

Toxic Substances Control Act (TSCA):

All components of this product are included on the TSCA inventory.

U.S. CERCLA Reportable Quantity (RQ):

This product is not listed under CERCLA

U.S. Clean Air Act Threshold Quantity (TQ):

This product is not listed.

U.S. Clean Water Act Requirements:

This product is not listed

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):

This product does not contain chemicals known to the State of California to cause cancer or developmental harm

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DSL:

All chemical substances in this product comply with CEPA 1999 and NSNR and are on or exempted from listing on the Canadian Domestic Substances List (DSL).

European Inventory of Existing Chemicals (EINECS):

All of the components of this product are included on EINECS.

16. Other Information

Date of preparation: 2021 – 05 – 17  
Replaces SDS dated: 2013 – 08 – 15



National Fire Protection Association:

NFPA health hazard: 1-May be irritating  
NFPA fire hazard: 0-Not combustible  
NFPA reactivity: 0-Normally stable, even under fire exposure conditions, and not reactive with water

The information provided herein (this SDS) is believed to be accurate at the time of preparation or prepared from sources deemed to be reliable, but it is the full responsibility of the user to investigate and comprehend other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. Although data in this SDS are based on information at this moment and are believed reliable, we cannot assume any responsibility for the use thereof, nor do we accept any liability for loss or damages directly or indirectly caused by our product. The user is responsible to check the safety, quality and all other properties of this product prior to use.