



# PRODUCT INFORMATION SHEET

## WEATHERSKIN ACRYLIC SEALER 30%

Weatherskin acrylic sealer is a solvent based clear coat sealer. Applications include interior or exterior concrete substrates. Weatherskin Acrylic Sealer does not contain oil or acetate.

Weatherskin Acrylic Sealer is approved by CFIA (Canadian Food Inspection Agency) for use in Registered Establishments handling and processing food stuffs.

### USES

- Interior and exterior applications.
- Mechanically textured concrete.
- Exposed aggregate, stone
- Walkways, driveways, patios, balconies, basements.

### ADVANTAGES

- Excellent weather ability.
- Resistant to yellowing
- Wet look.
- Seals substrates.
- Reduced dust formation.
- Protects substrate from contamination.
- Easy to apply.
- Easy to re-coat.

### GENERAL DATA

<i>Solids Content</i>	30 %
<i>VOC</i>	250
<i>Flash point</i>	Greater than 24 C (75 F)
<i>Color</i>	Clear
<i>Finish</i>	Glossy
<i>Recommended wet film thickness (WFT)</i>	5 mils
<i>Theoretical coverage @ 5 mils WFT</i>	300 sq.ft./gallon
<i>Dry film thickness @ 5 mils WFT</i>	1.5 mils
<i>Shelf life</i>	1 year in unopened containers



## Application

Wear protective gloves and goggles to avoid injury from splashes. Keep product away from flames, heat and sparks. Provide adequate ventilation during the application and cure period. Atmospheric, surface and product temperatures must be kept between 10 C (50 F) and 30 C (87 F) during the application and while the coating is curing.

Apply Weatherskin acrylic sealer with a solvent resistant low pressure sprayer, short nap-roller, or brush. Avoid excessive agitation of the coating with rollers as it may leave bubbles or pinholes in the applied film. Spread Weatherskin acrylic sealer with a slow steady motion in one direction. Then cross roll to assist leveling of the applied film. Apply Weatherskin acrylic sealer as evenly as possible. Seal product containers immediately after use.

For a glossy finish, apply two coats of Weatherskin acrylic sealer. Refer to General Data for recommended wet film thickness and coverage. Coverage will vary according to surface texture and porosity.

## Re-coating

Re-coat any time after the previous coating has cured. Before re-coating, ensure that the surface is free from contaminants.

## Curing Times

Determine the curing time from the table below.

Temperature	10°C (50°F)	20°C (68°F)	30°C (86°F)
Light traffic	3 hours	2 hours	1 hours
Full Cure	6 hours	4 hours	2 hours

## Diluting

Diluting is generally not recommended, but in case the viscosity needs to be adjusted, Weatherskin acrylic sealer can be diluted with Acetone, but in no case over 20 %.

## Clean up

Before Weatherskin acrylic sealer have fully cured, application equipment can be cleaned with solvents like xylene or acetone.



## Recommendations

- Always apply a test patch in an inconspicuous area. Confirm compatibility with the substrate and that the application meets owner's expectations.
- Preferably, apply Weatherskin acrylic sealer with a low pressure sprayer.
- Avoid pooling of the product during application.
- Store product cool and dry
- Keep product and product containers away from flames, sparks and heat.

## Troubleshooting

### PROBLEM OBSERVED

### PROBLEM CAUSES

PROBLEM OBSERVED	PROBLEM CAUSES
Pinholes	Out-gassing from substrate due to warming of the substrate during application and cure.
Slow cure	Low temperature conditions.
Peeling	Improper surface preparation; Hydrostatic water pressure.

## Maintenance

For maximum life expectancy, regularly wash and clean floors with detergents and water. Steam cleaning is not recommended. Corrosive and abrasive materials should be removed as soon as possible. The coating should be inspected periodically for signs for wear and damages. Damaged or worn areas should be repaired to prevent spreading of the damage. Remove all loose coating. Abrade the surrounding coating lightly for proper adhesion and to provide smooth transition to the existing coating. Clean area of all contaminants and apply Weatherskin acrylic sealer as described above.

## Maintenance products

Weatherskin maintenance products is specifically formulated to protect and maintain the surface of Weatherskin coatings. To clean the surface, use periodically Weatherskin Cleaner Re-Juvenator. To protect the surface, use regularly Weatherskin DuraWax-Gloss or Weatherskin DuraWax-Satin.

## Safety

We certify that Weatherskin acrylic sealer is formulated without lead, mercury, asbestos, or chromates.



### **Exposure risks**

Weatherskin acrylic sealer contain xylene. Combustible liquid and vapor. May cause skin, eye and/or respiratory irritation. May cause dermatitis. Inhalation of vapor may cause irritation and intoxication with headaches, dizziness and nausea. Repeated and prolonged overexposure may cause permanent damage to brain, nervous system, liver and kidneys. Inhaling of vapors may be harmful or fatal.

### **Proposition 65**

This product does not knowingly contain chemicals listed by the State of California as known to cause cancer, birth defects or other reproductive harm.

### **VOC content**

Refer to general data.

### **Precautions**

Keep out of reach of children. Avoid all personal contact. Use rubber gloves, eye protection. Use adequate ventilation. If the TLV is exceeded or if the product is used in a poorly ventilated area, use NIOSH / MSHA approved respiratory protection accordance with applicable federal, state, provincial and local regulations. Avoid breathing vapors.

Seal product containers after use. Empty containers may contain hazardous residues. All warning labels must be observed until containers is commercially cleaned or reconditioned.

### **First aid**

In case of eye contact, flush thoroughly with water for at least 15 minutes. Seek immediate medical attention. In case of skin contact, wash affected area with soap and water. If irritation persists, seek immediate medical attention. If inhalation causes physical discomfort, persists or any breathing difficulty occurs, seek immediate medical attention. If swallowed, seek immediate medical attention.

Refer to Material Safety Data Sheet (MSDS) for further information.

### **Packaging**

5 USG Pails (18.9 L)  
55 USG Drums (205 L)



### **Shelf life**

1 year in unopened containers when stored under cool and dry conditions. Opened and partially emptied containers may have shorter shelf life.

### **Warranty and limitation of damages**

Weatherskin Corporation warrants its Products to be of good quality, and will replace or, at discretion of Weatherskin, refund the purchase price of any Product proven to be defective. Satisfactory results depend not only upon the quality of the Products, but also on many factors beyond control of Weatherskin. Therefore, except for such replacement or refund, Weatherskin makes no warranty or guarantee, express or implied, including warranties of fitness for a particular purpose or merchantability, respecting its Products, and Weatherskin shall have no other liability thereto. Buyer shall inform Weatherskin in writing of any alleged defect in the Product within ten (10) days after discovery thereof and shall identify such defect in such manner and provide such documentation with respect thereto as Weatherskin may reasonable require. Buyer shall return any alleged defective Product to Weatherskin F.O.B. manufacturing plant of Weatherskin, upon receipt of written request from Weatherskin. No claim will be considered without such written notice. This warranty does not apply to any Product which has been abused, altered, modified, used in a manner not originally intended, used after the shelf life of the Product, or stored or applied in a manner contrary to the written instructions from Weatherskin. Buyer shall determine the suitability of the Products for the intended use and assume all risks and liabilities in connection therewith. No agent, employee or representative has any authority to bind Weatherskin to any affirmation, representation or warranty except as stated on this Product Information Sheet.

Limitation of Remedies. Weatherskin shall have no liability to any person for indirect, incidental, consequential or special damages of any description, whether arising out of warranty or other contract, negligence or other tort, or otherwise. The Buyer and User expressly agree that the limitations to indirect, incidental, consequential and special damages set forth herein is agreed allocations of risk. Under no circumstances shall Weatherskin's liability to Buyer and User with regard to the sale and use of the Product exceed the purchase price paid by Buyer for the Products.

For orders and inquiries from Canada, US and Mexico, call toll free 1-877-693-9224, or email your orders to Weatherskin's customer service at [order@weatherskin.com](mailto:order@weatherskin.com).

Weatherskin Corporation develops and manufactures specialty chemicals, industrial and architectural coatings of highest quality. Ask the people who use them.



# PREMIUM ACRYLIC SEALER

## SAFETY DATA SHEET

### 1. IDENTIFICATION

#### 1.1 Product identifier

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Trade name	<b>Weatherskin Premium Acrylic Sealer</b>
Chemical name	<b>Acrylic Resin Solution</b>

#### 1.2 Recommended use of the product and restrictions on use

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Recommended use	Industrial Use
Non- recommended use(s)	None known.

#### 1.3 Details of the supplier of the safety data sheet

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Company	Weatehrskin Corporation. 4209 Brandon Street SE, Calgary, AB, Canada, T2G 4A7
Telephone	403-764-6849
Toll Free	1-877-693-9224
Website	<a href="http://www.weatherskin.com">www.weatherskin.com</a>

#### 1.4 Emergency telephone number

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In case of emergency call CANUTEC	613-996-6666
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## 2. HAZARD IDENTIFICATION

### 2.1 Classification of the substance or mixture

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Acute Toxicity Inhalation	Category 4
Eye Damage / Eye Irritation	Category 2A
Flammable Liquids	Category 2
Specific Target Organ Toxicity (single exposure)	Category 3

### 2.1 Label Elements

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Symbol



Signal word

Hazard statement

Precautionary Statements

Danger

Highly flammable liquid and vapor  
Harmful if inhaled.

May cause respiratory irritation.  
May cause drowsiness or dizziness.  
Causes serious eye irritation.

Keep away from heat, sparks, open flames and hot surfaces No Smoking.  
Use only outdoors or in a well-ventilated area.  
Do not eat, drink, or smoke when using this product.  
Avoid breathing fume / vapors/ spray.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Wash exposed skin thoroughly after handling.  
Wear eye protection, face protection, protective clothing, and protective gloves.



## 3 COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

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### 3.2 Mixtures

#### CLEARGUARD / HARDENER HAZARDOUS INGREDIENTS

	<b>C.A.S.#</b>	<b>WEIGHT %</b>
Acetone	67-64-1	30 - 50
Tert-butyl Acetate	540- 88-5	30-50

## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

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#### EYE CONTACT

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. If eye irritation persists: Get medical attention. Continue rinsing eyes. Do not apply neutralizing agents.

#### SKIN CONTACT

If on skin or hair, take off immediately all contaminated clothing and shoes. Rinse skin, washing thoroughly with soap and water. Do not use solvents or thinners to clean skin. Get medical attention if irritation persists.

#### INHALATION

If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

#### INGESTION

Clean mouth with water and drink afterwards plenty of water. Keep respiratory tract clear. Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed by a physician. Give activated charcoal. Call poison information center.





## 5 FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

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Suitable extinguishing media

Quick-acting ABC powder extinguisher, Quick-acting BC powder extinguisher, Quick-acting class B foam extinguisher, Alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media

Full water jet, because this may spread the fire.

### 5.2 Hazards

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Flammable properties and hazards

Direct fire hazard. Highly flammable liquid and vapor. Gas/vapor flammable with air within explosion limits. Indirect fire hazard, May be ignited by sparks.

Hazardous combustion products

Hazardous decomposition products formed under fire conditions are Carbon dioxide, Carbon monoxide and Nitrogen oxides. No hazardous combustion products are known.

Specific hazards during fire-fighting

Do not allow run-off from fire-fighting to enter drains or water courses.

### 5.3 Fire-fighting instructions

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Cool tanks/Drums with water spray/remove them into safety. Physical explosion risk.

### 5.4 Protection During firefighting

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Use personal protective equipment. Wear self-contained breathing apparatus.



## 6 ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment, and emergency procedures.

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Use personal protective equipment. Wear chemical safety glasses, rubber boots and heavy rubber gloves. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Remove all sources of ignition. Beware of vapors accumulating in low areas.

### 6.2 Environmental precautions

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Do not allow to enter drains, waterways, sewers, basements, or confined areas. Do not discharge into the subsoil / soil. Absorb spills with inert material and place in a chemical waste container.<sup>3</sup>

### 6.3 Methods and materials for containment and cleaning up.

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Soak up with inert absorbent material (e.g., sand, silica gel, universal binder, sawdust) Keep in suitable, closed containers for disposal.

## 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling

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Avoid all personal contact. Use personal protective equipment. Use adequate ventilation. If during normal use the material presents a respiratory hazard, use only with adequate ventilation, or wear appropriate respirator. Use spark proof appliances and lighting system. Keep away from ignition sources, open flames, and hot surfaces. Open containers carefully as content may be under pressure. No smoking.



## 7.2 Hygiene considerations.

Wash hands before breaks and after work. Remove soiled or soaked clothing immediately. Wash contaminated clothes before reuse. Do not eat, drink, or smoke when handling this product. Remove contaminated clothing and protective equipment before entering eating areas. No Smoking. Avoid breathing vapors.

## 7.3 Safe storage procedures

Keep away from heat. Keep containers tightly closed in a dry well-ventilated place. Empty containers retain product residue and can be hazardous. No smoking.

# 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

## 8.1 EXPOSURE LIMITS

Hazardous Components (Chemical Name)	C.A.S.#	OSHA	ACGIH	NIOSH
Acetone	67-64-1	No data	250 ppm TWA	590 mg/m <sup>3</sup> TWA
Tert-butyl Acetate			500 ppm STEL 200 ppm TWA	250 ppm TWA 200 ppm TWA

## 8.2 EXPOSURE CONTROLS

### ENGINEERING CONTROLS

Use local exhaust ventilation to maintain airborne concentrations at safe levels. Suitable respiratory equipment should be used in cases of insufficient ventilation or where demand it.

### PERSONAL PROTECTIVE EQUIPMENT

Respiratory Equipment

Wear a NIOSH-certified (or equivalent) organic vapor particulate respirator.

Eye Protection

Use tightly fitting chemical splash goggles. Wear face shield if splashing hazard exists.

Hand Protection

Use impermeable gloves. Tetrafluoroethylene or butyl-rubber gloves



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Body Protection	Use impervious clothing and chemical resistant boots. Consider using resistant coveralls and aprons, if extensive exposure is possible.
Other Protective Equipment	Ensure that eyewash stations and safety showers are close to the workstation location.
General Hygiene Consideration	Do not breathe mist or vapor. Avoid all contact. Do not eat, drink, or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Do not take contaminated clothes home.
Environmental Exposure Controls	Avoid runoff into storm sewers and ditches which lead to waterways. May be hazardous to the environment if released in large quantities.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

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### APPEARANCE

Physical State	Liquid.
Color	Clear, Colorless
Odor	Solvent, aromatic, sweet, fruity. Odor.

### PROPERTIES

Vapor Pressure	Not Applicable
Vapor Density	Not Applicable
Boiling Point	Not Applicable
Melting Point	Not available.
Flash Point	Not available.
Specific Gravity	0.85 – 0.95 g/ cm <sup>3</sup>
Viscosity	150 cP
VOC content	250 mg/L
Solubility in water	Negligible



## 10 STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions
Incompatibility with various substances	Strong oxidizing agents, acids, halogenated compounds, ammonia, carbon monoxide, carbon dioxide, Aldehydes, ketones. Reacts also with copper, aluminum, zinc and their alloys.
Hazardous Polymerization	Will not occur under normal conditions
Conditions to avoid	High temperatures, Direct sunlight.
Hazardous decomposition products	Carbon dioxide, Carbon monoxide, nitrogen oxides.

## 11 TOXICOLOGICAL INFORMATION

### 11.1 Acute toxicity

<b>Ingredient Name</b>	<b>Test</b>	<b>Species</b>	<b>Result</b>	<b>Exposure</b>
Acetone	LD50 Dermal	Rabbit Male	20000 mg/Kg	
	LD50 Oral	Rat Female	5800 mg/Kg	
	LC50 Inhalation	Rat –Male, Female	76 mg/Kg	4 h
Tert-butyl Acetate	LD50 Dermal	Rabbit- Male, Female	2000 mg/Kg	
	LD50 Oral	Rat – Male, Female	4100 mg/Kg	
	LC50 Inhalation	Rat	9482 mg/m <sub>3</sub>	4 h
	LC50 Inhalation	Rat	>2230 mg/m <sub>3</sub>	4 h
	LD50 Dermal	Rabbit	200–1000 mg/Kg	

### 11.2 Skin Corrosion and / or irritation

Acetone	Not Classified
Tert-Butyl Acetate	Not Classified



### 11.3 Eye Damage or irritation

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Acetone	Causes serious eye irritation.
Tert-Butyl Acetate	Not available

### 11.4 Respiratory and skin sensitization.

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Acetone	On continuous exposure: Dry skin, cracking of the skin
Tert-Butyl Acetate	Irritant to respiratory tract

### 11.5 Germ cell mutagenicity

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Acetone	Not Classified
Tert-Butyl Acetate	Not Classified

### 11.6 Carcinogenicity

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For the ingredients in this product, No known significant effects or critical hazards.

### 11.7 Reproductive Toxicity

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No known significant effects or critical hazards

### 11.8 Specific Target Organs Effect

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Irritation to the respiratory tract. Narcotic effects. Cause dizziness, headache, tiredness nausea and vomiting.

### 11.9 Aspiration hazards

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No aspiration hazard expected.



## 12 ECOLOGICAL INFORMATION

### 12.1 Environmental Effects:

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Acetone:	Not classified as dangerous for the environment, not included in the list of substances which may contribute to the greenhouse effect. Not Harmful to crustacea, fishes, algae and plankton.
Tertbutyl Acetate	No data available

### 12.2 Aquatic Ecotoxicity

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Substance	Test	Result	Species	Exposure
Acetone	LC50 fish1	5540 mg/l (EU method)	Salmo gairdneri	96 h Fresh water

### 12.3 Persistence and degradability

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Substance	Test	Result	Results
Acetone		Biodegradable in the soil, under anaerobic conditions. Readily biodegradable in water.	BOD: 1.43 g O <sub>2</sub> /g substance COD: 1.92 g O <sub>2</sub> / g substance ThOD: 2.2 g O <sub>2</sub> /g substance OECD 301B Ready Biodegradability CO <sub>2</sub> Evolution test
Tert-Butyl Acetate		No Data Available	

### 12.4 Bioaccumulation

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Substance	Test	Results
Acetone	BCF fish1: 0.69 (Pisces) BCF other Aquatic organisms 1 : 3	Bioaccumulation Potential: Not bioaccumulative
Tert-Butyl Acetate	No Data Available	

### 12.5 Mobility in Soil

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Acetone	Surface tension: 0.237 N/m No test data on mobility of the substance available
Tert-Butyl Acetate	No Data Available



## 12.6 Other Adverse effects

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Acetone  
Tert-Butyl Acetate

Avoid release to the environment.  
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects

# 13 DISPOSAL CONSIDERATIONS

## Waste Disposal Method

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Do not discharge into drains or the environment. Empty remaining contents. Dispose of unused product in accordance with local regulations. Do not reuse empty containers. Do not burn, or use cutting torch on the empty container.

# 14 TRANSPORTATION INFORMATION

## 14.1 Identification, UN number

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UN 1866

## 14.2 Shipping Name

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Flammable

## 14.3 Hazard Class

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## 14.4 Packing Group

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## 15 OTHER INFORMATION

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Preparation Date  
SDS prepared by

Feb 25, 2021  
Weatherskin Corp. 403-764-6849

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