


**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

<b>Manufacturer:</b>	Isothermal Protective Coatings, Inc.
<b>Address:</b>	1950 O'Day Road, Pearland, TX 77581
<b>Telephone:</b>	800-237-8759
<b>Product Identifier:</b>	AcryCaulk™
<b>Recommended Use:</b>	Roofing Coating

**SECTION 2 - HAZARDS IDENTIFICATION**

<b>Hazard/GHS Classification:</b>	
<i>Skin:</i>	Category 1
<i>Eyes:</i>	Category 1
<i>Carcinogenicity:</i>	Category 1
<i>Flammable liquids:</i>	Category 1
<i>Carcinogenicity:</i>	Category 1
<i>Specific target organ toxicity:</i>	Category 1
<i>Ingestion:</i>	Do not ingest.
<b>Signal Word:</b>	Warning
<b>Hazard Statements:</b>	May cause skin irritation.
<b>Pictograms:</b>	

<b>Precautionary Statements</b>	
<i>Prevention:</i>	Avoid breathing dust/fume/gas/mist/vapors or spray. Contaminated work clothing must not be allowed out of workplace. Wear protective gloves/protective clothing/eye protection/face protection during application and use.  Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
<i>Response:</i>	<b>IF ON SKIN:</b> Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<i>Disposal:</i>	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

**Mixture of:**

<i>Acrylic copolymers</i>	20 - 60 wt%
<i>TiO<sub>2</sub> pigments</i>	20 - 60 wt%
<i>Ethylene Glycol</i>	<1 wt%
<i>Odorless Mineral Spirits</i>	<2 wt%
<i>Proprietary ingredients</i>	<8 wt%

**SECTION 4 - FIRST AID MEASURES**

<b>Skin:</b>	Wash Skin thoroughly with soap and water. If skin irritation or rash occurs: Get medical attention. Launder contaminated clothing before reuse.
<b>Eyes:</b>	Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses.
<b>Inhalation:</b>	Remove exposed person to fresh air if adverse effects are observed.
<b>Ingestion:</b>	Treat symptomatically. Get medical attention.

**Most important symptoms/effects, acute and delayed**

Symptoms: See section 11.

**Indication of immediate Medical attention and special treatment needed**

Treatment: Treat symptomatically.

**SECTION 5 - FIRE FIGHTING MEASURES**

<b>General Fire Hazards:</b>	No unusual fire or explosion hazards noted.
<b>Suitable (and unsuitable) extinguishing media</b>	
<i>Suitable extinguishing media:</i>	CO <sub>2</sub> , dry chemical, foam, water spray, water fog.
<i>Unsuitable extinguishing media:</i>	Not determined.
<b>Specific hazards arising from the chemical:</b>	See section 10 for additional information. Material will not burn until water has been evaporated. Container may rupture on heating.
<b>Special protective equipment and precautions for firefighters</b>	
<i>Special fire-fighting procedures:</i>	No data available.
<i>Special protective equipment for fire-fighters:</i>	Wear full protective fire gear including self-containing breathing apparatus operated in the positive pressure mode with full face piece, coat, pants, gloves and boots.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions, protective equipment and emergency procedures:</b>	Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away. See Section 8 of the SDS for Personal Protective Equipment. Ventilate area if spilled in confined Space or other poorly ventilated areas. Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations.
<b>Methods and material for containment and cleaning up:</b>	Dike far ahead of larger spill for later recovery and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed or inert material. Wash area with soap and water. Spilled liquid and dried film is slippery. Use care to avoid falls.
<b>Environmental Precautions:</b>	Avoid release to the environment. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so.

**SECTION 7 - HANDLING AND STORAGE**

<b>Precautions for Safe Handling:</b>	<p>Avoid breathing dust/fume/gas/mist/ vapors/spray. Avoid contact with eyes, skin and clothing. Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Launder contaminated clothing before reuse.</p> <p>Avoid contact with eyes and prolonged or repeated contact with skin. Avoid breathing mist or vapors. When using do not eat, drink or smoke. Stir well before use. Keep containers closed when not in use. Minimize contact with air to reduce contamination with mold, fungus, or other organisms which could cause decomposition or spoilage. Wash thoroughly after handling.</p>
<b>Maximum Handling Temperature:</b>	Not determined.
<b>Conditions for safe storage, Including any incompatibilities:</b>	Store away from incompatible materials. See section 10 for incompatible materials. Keep from freezing. Do not store in open, unlabeled or mislabeled containers.
<b>Maximum Storage Temperature</b>	Not determined.

**SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION**

**Control Parameters**

*Occupational Exposure Limits*

None of the components have assigned exposure limits with exception of Calcium Carbonate.

Component	CAS-No.	Value	Control Parameters	Basis
Calcium Carbonate	471-34-1	TWA	10 mg/m <sup>3</sup>	USA. ACGIH Threshold Limit Value (TLV)
		TWA	15 mg/m <sup>3</sup>	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		TWA	5 mg/m <sup>3</sup>	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		TWA	5 mg/m <sup>3</sup>	USA. NIOSH Recommended Exposure Limits
		TWA	10 mg/m <sup>3</sup>	USA. NIOSH Recommended Exposure Limits

*Appropriate Engineering Controls:*

Use material in well ventilated area only. Adequate ventilation should be provided so that exposure limits are not exceeded. Mechanical ventilation or local exhaust ventilation may be required.

**Individual protection measures, such as personal protective equipment**

*General Information:*

Use personal protective equipment as required.

*Eye/Face Protection:*

If contact is likely, safety glasses with side shields are recommended.

*Skin Protection*

*Hand Protection:*

Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur wear chemically protective gloves. Suitable gloves can be recommended by the glove supplier.

*Other:*

Gloves, coveralls, apron, boots as necessary to minimize contact. Do not wear rings, watches or similar apparel that could entrap the material. Gloves, coveralls, apron boots as necessary to minimize contact.

*Respiratory Protection:*

Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator. Under normal use conditions, respirator is not usually required. Use appropriate respiratory protection if exposure to dust particles, mist or vapors is likely. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

*Hygiene Measures:*

Observe good industrial hygiene practices. Avoid contact with skin. Contaminated work clothing should not be allowed out of the workplace.



**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

<i>Physical state:</i>	Liquid
<i>Form:</i>	Liquid
<i>Color:</i>	White (or colored)
<b>Odor:</b>	Slight acrylate
<b>Odor threshold:</b>	No data available.
<b>pH:</b>	Not Available
<b>Freezing point:</b>	Approximately 0°
<b>Boiling point:</b>	212°F
<b>Flash point:</b>	N/A
<b>Evaporation rate:</b>	N/A
<b>Flammability (solid, gas):</b>	N/A
<b>Upper/lower limit on flammability or explosive limits</b>	N/A
<i>Flammability limit - upper (%):</i>	N/A
<i>Flammability limit - lower (%):</i>	N/A
<b>Explosive limit - upper (%):</b>	N/A
<b>Explosive limit - lower (%):</b>	N/A
<b>Vapor pressure:</b>	17mm @20°C
<b>Vapor density:</b>	> 1
<b>Relative density:</b>	1.56
<b>Solubility(ies)</b>	
<i>Solubility in water:</i>	Dispersible with water
<i>Solubility (other):</i>	N/A
<b>Partition coefficient (n-octanol/water):</b>	N/A
<b>Auto-ignition temperature:</b>	N/A
<b>Decomposition temperature:</b>	N/A
<b>Viscosity:</b>	Highly viscous
<b>Other information</b>	
<i>Bulk density:</i>	No data available.
<i>VOC:</i>	<2%
<i>Percent solid:</i>	Approximately 75 wt%
<i>Percent volatile:</i>	Approximately 25 wt%

**SECTION 10 - STABILITY AND REACTIVITY**

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of Hazardous Reactions:</b>	Will not occur.
<b>Conditions to Avoid:</b>	Do not freeze.
<b>Incompatible Materials:</b>	Strong oxidizers
<b>Hazardous Decompositions Products:</b>	Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, nitrogen oxides and other products of incomplete combustion. Irritating and toxic substances may be emitted upon combustion, burning or Decomposition of dry solids.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

<i>Inhalation:</i>	No data available.
<i>Ingestion:</i>	No data available.
<i>Skin Contact:</i>	No data available.
<i>Eye Contact:</i>	No data available.

**Information on toxicological effects**

<i>Acute Toxicity Oral: Product</i>	May cause irritation of the gastrointestinal tract. Not classified for acute toxicity based on available data for suppliers.
<i>Dermal: Product</i>	Not classified for acute toxicity based on available data.
<i>Inhalation: Product</i>	Overexposure to vapors or mist may cause dizziness, headache, nausea, and/or flu-like symptoms. Avoid inhalation of mists or vapors. Persons with sensitive airways (e.g.,asthmatics) may react to vapors. Not classified for acute toxicity based on available data.
<i>Skin Corrosion/Irritation: Product</i>	Not classified as a primary skin irritant. Remarks: Prolonged or repeated contact may cause irritation. Pre-existing skin conditions may be aggravated by prolonged or repeated exposure.
<i>Serious Eye Damage/Eye Irritation: Product</i>	Remarks: Not classified as a primary eye irritant.
<i>Respiratory Sensitization:</i>	Remarks: Vapors may cause irritation.
<i>Skin Sensitization:</i>	Classification: May cause sensitization by skin contact.(Literature)
<i>Specific Target Organ Toxicity - Single Exposure:</i>	No data available.
<i>Aspiration Hazard:</i>	No data available.

**SECTION 11 - TOXICOLOGICAL INFORMATION (CONTINUED)**

**Other Effects:**

<b>Acrylic Copolymer:</b>	No data available
<i>Chronic Effects - Carcinogenicity</i>	No carcinogenic components identified.
<i>IARC Monographs on the Evaluation Of Carcinogenic Risks to Humans:</i>	No carcinogenic components identified.
<i>US. National Toxicology Program (NTP) Report on Carcinogens::</i>	No carcinogenic components identified.
<i>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):</i>	No carcinogenic components identified.
<i>Germ Cell Mutagenicity:</i>	No data available.
<i>Reproductive Toxicity:</i>	No data available.
<i>Specific Target Organ Toxicity - Repeated Exposure:</i>	No data available.

**SECTION 12 - ECOLOGICAL INFORMATION**

**Ecotoxicity**

<i>Fish</i>	No data available.
<b>Aquatic Invertebrates</b>	No data available.
<b>Toxicity to Aquatic Plants</b>	No data available.
<b>Toxicity to Soil-Dwelling Organisms</b>	No data available.
<b>Sediment Toxicity</b>	No data available.
<b>Toxicity to Microorganisms</b>	No data available.
<b>Persistence and Degradability</b>	No data available.
<b>Biodegradation</b>	No data available.
<b>Bioaccumulative Potential</b>	No data available.
<b>Bioconcentration Factor (BCF)</b>	No data available.
<b>Mobility:</b>	No data available.
<b>Other Adverse Effects:</b>	No data available.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

<b>Waste Disposal Methods</b>	Treatment, storage, transportation and dispose must be in accordance with all applicable local, state and federal regulations. Dispose of packaging or containers in accordance with local, regional, national and international regulations.
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## SECTION 14 - TRANSPORT INFORMATION

<b>DOT</b>	Not regulated.
<b>IMDG:</b>	Not regulated.
<b>IATA:</b>	Not regulated.

### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

None known

destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. Review classification requirements before shipping materials at elevated temperatures.

## SECTION 15: REGULATORY INFORMATION

### U.S. Federal Regulations:

*TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)*

None present or none present in regulated quantities.

*Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories*

Acute (Immediate)

*SARA 302 Extremely Hazardous Substance*

*SARA 304 Emergency Release Notification*

*SARA 311/312 Hazardous Chemical*

*SARA 313 (TRI Reporting)*

This product may contain chemical(s) regulated under the Superfund Amendments and Reauthorization Act (SARA).

For additional information please contact IPC directly.

### U.S. State Regulations

*U.S. California Proposition 65*

This product may contain chemical(s) known to the state of California to cause cancer and/or birth defects.

For additional information please contact IPC directly.

*New Jersey Right-To-Know*

The following hazardous materials are listed:

Chemical Name CAS-No.

Calcium Carbonate 471-34-1

*Pennsylvania Right-to-Know*

The following hazardous ingredients are present:

Chemical Name CAS-No.

Calcium carbonate 471-34-1

The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3. Note that the information in this section is based in large part of acrylic polymer present at <60 wt% of final solution.



**SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION**

**HMIS Hazard ID**

Health	1
Flammability	1
Physical Hazards	0

**Hazard rating:**

- 0 - Minimal
- 1 - Slight
- 2 - Moderate
- 3 - Serious
- 4 - Severe
- \* Chronic health effect

**NFPA Hazard ID**



Flammability	1
Health	1
Reactivity	0
Special hazard	

**Hazard rating:**

- 0 - Minimal
- 1 - Slight
- 2 - Moderate
- 3 - Serious
- 4 - Severe

**Version #:** 2.0

**Source of information:** Internal company data, suppliers and other publically available resources.

**Further Information:** Contact supplier (see Section 1)

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