

# SAFETY DATA SHEET

## 1. Identification

### Identification

**Product name:** inkAID Adhesive Primer

### Additional identification

**Chemical name:** Modified acrylic polymer

### Recommended use and restriction on use

**Recommended use:** Primer Coating  
**Restrictions on use:** None identified.

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

#### Supplier

**Company Name:** Ontario Specialty Coatings Corp.  
**Address:** 2764 Pleasant Road, No. 10457  
Fort Mill, SC 29708

:

## 2. Hazard(s) identification

### Hazard Classification

Not classified

### Label Elements:

**Hazard Symbol:** No symbol

**Signal Word:** No signal word.

**Hazard Statement:** not applicable

**Precautionary Statements:** not applicable

**Other hazards which do not result in GHS classification:** None identified.

## 3. Composition/information on ingredients

**General information:** The components are not hazardous or are below required disclosure limits.

## 4. First-aid measures

|                      |   |
|----------------------|---|
| <b>Ingestion:</b>    | Treat symptomatically. Get medical attention.   |
| <b>Inhalation:</b>   | Remove exposed person to fresh air if adverse effects are observed.   |
| <b>Skin Contact:</b> | Wash with soap and water. If skin irritation occurs, get medical attention.   |
| <b>Eye contact:</b>  | Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. |

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

**Symptoms:** See section 11.

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

**Treatment:** Treat symptomatically.

**5. Fire-fighting measures**

**General Fire Hazards:** No unusual fire or explosion hazards noted.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** CO<sub>2</sub>, dry chemical, foam, water spray, water fog.

**Unsuitable extinguishing media:** Not determined.

**Specific hazards arising from the chemical:** See section 10 for additional information. Material will not burn until water has been evaporated. Container may rupture on heating.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Recommend wearing self-contained breathing apparatus.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** 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.

**Methods and material for containment and cleaning up:** 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 on inert material. Wash area with soap and water. Spilled liquid and dried film are slippery. Use care to avoid falls.

**Environmental Precautions:** 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.

## 7. Handling and storage

|  |  |
|--|--|
| <b>Precautions for safe handling:</b>                                | Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid breathing mists 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. |
| <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.  |

## 8. Exposure controls/personal protection

### Control Parameters:

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

|  |   |
|--|---|
| <b>Appropriate engineering controls:</b> | 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

|                                |  |
|--------------------------------|--|
| <b>General information:</b>    | Use personal protective equipment as required.   |
| <b>Eye/face protection:</b>    | If contact is likely, safety glasses with side shields are recommended.  |
| <b>Skin Protection</b>         |  |
| <b>Hand Protection:</b>        | Suitable gloves can be recommended by the glove supplier. Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur wear chemically protective gloves.   |
| <b>Other:</b>                  | Gloves, coveralls, apron, boots as necessary to minimize contact.  |
| <b>Respiratory Protection:</b> | 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:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

## 9. Physical and chemical properties

### Appearance

|  |                                      |
|--|--------------------------------------|
| <b>Physical state:</b>                                       | liquid                               |
| <b>Form:</b>   | liquid                               |
| <b>Color:</b>  | White                                |
| <b>Odor:</b>   | Slight acrylate                      |
| <b>Odor threshold:</b>                                       | No data available.                   |
| <b>pH:</b>   | 6.55 - 7.35                          |
| <b>Freezing point:</b>                                       | Approximate 0 °C                     |
| <b>Boiling Point:</b>  | 212 °F (100 °C)                      |
| <b>Flash Point:</b>  | Not applicable.                      |
| <b>Evaporation rate:</b>                                     | < 1 n-butyl acetate=1                |
| <b>Flammability (solid, gas):</b>                            | No data available.                   |
| <b>Upper/lower limit on flammability or explosive limits</b> |                                      |
| <b>Flammability limit - upper (%):</b>                       | No data available.                   |
| <b>Flammability limit - lower (%):</b>                       | No data available.                   |
| <b>Explosive limit - upper (%):</b>                          | No data available.                   |
| <b>Explosive limit - lower (%):</b>                          | No data available.                   |
| <b>Vapor pressure:</b>                                       | Approximate 18 torr (20 °C 68 °F)    |
| <b>Vapor density:</b>  | < 1                                  |
| <b>Relative density:</b>                                     | 1.06 68 °F (20 °C)                   |
| <b>Solubility(ies)</b>                                       |                                      |
| <b>Solubility in water:</b>                                  | Miscible with water.                 |
| <b>Solubility (other):</b>                                   | No data available.                   |
| <b>Partition coefficient (n-octanol/water):</b>              | No data available.                   |
| <b>Auto-ignition temperature:</b>                            | No data available.                   |
| <b>Decomposition temperature:</b>                            | No data available.                   |
| <b>Viscosity:</b>  | < 500 mPa.s ( 77 °F (25 °C) )        |
| <b>Other information</b>                                     |                                      |
| <b>Bulk density:</b>   | Approximate 8.8 lb/gal 77 °F (25 °C) |
| <b>Percent Solid:</b>  | 40 % (Percent by Weight)             |
| <b>Percent volatile:</b>                                     | 60 %(Percent by Weight)              |

## 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 Decomposition Products:</b>   | Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion. Irritating substances may be emitted upon combustion, burning, or decomposition of dry solids. |

## 11. Toxicological information

### Information on likely routes of exposure

|                      |                    |
|----------------------|--------------------|
| <b>Inhalation:</b>   | No data available. |
| <b>Ingestion:</b>    | No data available. |
| <b>Skin Contact:</b> | No data available. |
| <b>Eye contact:</b>  | No data available. |

### Information on toxicological effects

#### Acute toxicity

##### Oral

Product: Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain.  
Not classified for acute toxicity based on available data.

##### Dermal

Product: Not classified for acute toxicity based on available data.

##### Inhalation

Product: Overexposure to vapors or mist may cause dizziness, headache, nausea, and/or flu-like symptoms.  
Not classified for acute toxicity based on available data.

##### Skin Corrosion/Irritation:

Product: Prolonged or repeated contact may cause irritation.  
Remarks: Not classified as a primary skin irritant.

##### Serious Eye Damage/Eye Irritation:

Product: Remarks: Not classified as a primary eye irritant.

##### Respiratory sensitization:

No data available

##### Skin sensitization:

No data available

##### Specific Target Organ Toxicity - Single Exposure:

No data available

**Aspiration Hazard:**

No data available

**Chronic Effects**

**Carcinogenicity:**

No data available

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ Cell Mutagenicity:**

No data available

**Reproductive toxicity:**

No data available

**Specific Target Organ Toxicity - Repeated Exposure:**

No data available

**12. Ecological information**

**Ecotoxicity**

**Fish**

No data available

**Aquatic Invertebrates**

No data available

**Toxicity to Aquatic Plants**

No data available

**Toxicity to soil dwelling organisms**

No data available

**Sediment Toxicity**

No data available

**Toxicity to Terrestrial Plants**

No data available

**Toxicity to Above-Ground Organisms**

No data available

**Toxicity to microorganisms**

No data available

**Persistence and Degradability**

**Biodegradation**

No data available

**Bioaccumulative Potential**

**Bioconcentration Factor (BCF)**

No data available

**Partition Coefficient n-octanol / water (log Kow)**

No data available

**Mobility:**

No data available

**Other Adverse Effects:**

No data available.

**13. Disposal considerations**

**Disposal instructions:**

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Since emptied containers retain product residue, follow label warnings even after container is emptied.

**Contaminated Packaging:**

Container packaging may exhibit hazards.

**14. Transport information**

**DOT**

Not regulated.

**IMDG**

Not regulated.

**IATA**

Not regulated.

**Transport in bulk according to Annex II of MARPOL and the IBC Code**

None known.

The DOT shipping information in this section is based on a bulk container. Please review the accompanying shipping papers for the correct shipping descriptions based the size of the package. Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, package size, and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. During transportation, steps must be taken to prevent load shifting or materials falling, and all relating legal statutes should be obeyed. Review classification requirements before shipping materials at elevated temperatures.

**15. Regulatory information**

**US Federal Regulations**

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

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

| <u>Chemical Identity</u> | <u>CAS number</u> | <u>Reportable quantity</u> | <u>Calculated<sup>1</sup></u> |
|--------------------------|-------------------|----------------------------|-------------------------------|
| Ethyl acrylate           | 140-88-5          | 1000 lbs                   | > 50000 lbs<br>> 22680 kgs    |

<sup>1</sup>This is the amount product/material required to be released before CERCLA reporting is required.

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

**SARA 311 Classifications**

Not classified

**SARA 302 Extremely Hazardous Substance**

None present or none present in regulated quantities.

**SARA 304 Emergency Release Notification**

| <u>Chemical Identity</u> | <u>CAS number</u> | <u>Percent by Weight</u> | <u>Reportable quantity</u> |
|--------------------------|-------------------|--------------------------|----------------------------|
| Ethyl acrylate           | 140-88-5          | 300.0 PPM                | 1000 lbs                   |

**SARA 313 (TRI Reporting)**

None present or none present in regulated quantities.

**US State Regulations**

**US. California Proposition 65**

This product may contain chemical(s) known to the state of California to cause cancer and/or birth defects. Additional information can be received upon request.

**Inventory Status**

**Australia (AICS)**

All components are in compliance with chemical notification requirements in Australia.

**Canada (DSL/NDSL)**

All substances contained in this product are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List (DSL) or are exempt.

**China (IECSC)**

All components of this product are listed on the Inventory of Existing Chemical Substances in China.

**European Union (REACH)**

To obtain information on the REACH compliance status of this product, please e-mail REACH@SDSInquiries.com.

**Japan (ENCS)**

All components are in compliance with the Chemical Substances Control Law of Japan.

**Korea (ECL)**

This product requires notification before sale in Korea.

**New Zealand (NZIoC)**

All components are in compliance with chemical notification requirements in New Zealand.



Philippines (PICCS)

All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

Switzerland (SWISS)

All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.

Taiwan (TCSCA)

All components of this product are listed on the Taiwan inventory.

United States (TSCA)

All substances contained in this product are listed on the TSCA inventory or are exempt.

*The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.*

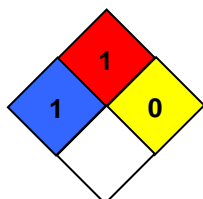
**16. Other information, including date of preparation or last revision**





**HMIS Hazard ID**

|                         |  |          |
|-------------------------|--|----------|
| <b>Health</b>           |  | <b>1</b> |
| <b>Flammability</b>     |  | <b>1</b> |
| <b>Physical Hazards</b> |  | <b>0</b> |

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

**NFPA Hazard ID**



|   |                 |
|---|-----------------|
|  | Flammability    |
|  | Health          |
|  | Reactivity      |
|  | Special hazard. |

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

**Issue Date:** 02/20/2018  
**Version #:** 3.0  
**Source of information:** Internal company data and other publically available resources.  
**Further Information:** Contact supplier (see Section 1)  
**Disclaimer:**

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