

**Safety Data Sheet**  
Prepared in Accordance with HCS 29  
C.F.R. 1910.1200



## 1. Identification of the Substance/Mixture and the Company/Undertaking

- 1.1 Product Identifier** RM-PR10ACLM **Revision Date:** 11/30/2018  
**Product Name:** PR-10 ACLM **Supersedes Date:** New SDS
- 1.2 Relevant identified uses of the substance or mixture and uses advised against** Chemically Activated Gel. See Technical Datasheet. Applicators MUST be appropriately trained in the use of this product. Industrial and professional use.
- 1.3 Details of the supplier of the safety data sheet**
- Supplier:** Prime Resins Inc.  
2291 Plunkett Road  
Conyers, GA 30012  
USA  
Phone: 800-321-7212  
Fax: 770-338-0936  
www.primeresins.com
- Datasheet Produced by:** EHS@primeresins.com
- 1.4 Emergency telephone number:** CHEMTREC +001 703 5273887 (Outside US)  
CHEMTREC 1-800-424-9300 (Inside US)

## 2. Hazard Identification

### 2.1 Classification of the substance or mixture

Acute Toxicity, Dermal, category 3  
Acute Toxicity, Oral, category 3  
Carcinogenicity, category 1B  
Eye Irritation, category 2  
Germ Cell Mutagenicity, category 1B  
Reproductive Toxicity, category 2  
STOT, repeated exposure, category 1  
Skin Irritation, category 2  
Skin Sensitizer, category 1

## 2.2 Label elements

### Symbol(s) of Product



### Signal Word

Danger

### Named Chemicals on Label

Acrylamide, N,N'-methylenediacrylamide

### HAZARD STATEMENTS

|  |         |   |
|--|---------|---|
| Acute Toxicity, Oral, category 3       | H301    | Toxic if swallowed.   |
| Acute Toxicity, Dermal, category 3     | H311    | Toxic in contact with skin.                                     |
| Skin Irritation, category 2            | H315    | Causes skin irritation.   |
| Skin Sensitizer, category 1            | H317    | May cause an allergic skin reaction.                            |
| Eye Irritation, category 2             | H319    | Causes serious eye irritation.                                  |
| Acute Toxicity, Inhalation, category 4 | H332    | Harmful if inhaled.   |
| Germ Cell Mutagenicity, category 1B    | H340-1B | May cause genetic defects.                                      |
| Carcinogenicity, category 1B           | H350-1B | May cause cancer.   |
| Reproductive Toxicity, category 2      | H361    | Suspected of damaging fertility or the unborn child.            |
| STOT, repeated exposure, category 1    | H372    | Causes damage to organs through prolonged or repeated exposure. |

### PRECAUTION PHRASES

|              |   |
|--------------|---|
| P201         | Obtain special instructions before use.   |
| P202         | Do not handle until all safety precautions have been read and understood.   |
| P260         | Do not breathe dust/fume/gas/mist/vapours/spray.  |
| P264         | Wash hands thoroughly after handling.   |
| P270         | Do not eat, drink or smoke when using this product.   |
| P280         | Wear protective gloves/protective clothing/eye protection/face protection.  |
| P284         | Wear respiratory protection.  |
| P301+310     | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.   |
| P302+352     | IF ON SKIN: Wash with plenty of soap and water.   |
| P304+340     | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.                                    |
| P305+351+338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. |
| P308+313     | IF exposed or concerned: Get medical advice/attention.  |
| P312         | Call a POISON CENTER or doctor/physician if you feel unwell.  |
| P314         | Get medical advice/attention if you feel unwell.  |
| P333+313     | If skin irritation or rash occurs: Get medical advice/attention.  |
| P352         | Wash with plenty of soap and water.   |

## 2.3 Other hazards

No Information

### Results of PBT and vPvB assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

### 3. Composition/Information On Ingredients

#### 3.2 Mixtures

##### Hazardous Ingredients

| <u>CAS-No.</u> | <u>Chemical Name</u>       | <u>%</u> |
|----------------|----------------------------|----------|
| 79-06-1        | Acrylamide                 | ≥ 95     |
| 110-26-9       | N,N'-methylenediacrylamide | ≤ 5      |

| <u>CAS-No.</u> | <u>GHS Symbols</u> | <u>GHS Hazard Statements</u>             | <u>M-Factors</u> |
|----------------|--------------------|--|------------------|
| 79-06-1        | GHS06-GHS08        | H301-311-315-317-319-332-340-350-361-372 | 0                |
| 110-26-9       | GHS07              | H302-332                                 | 0                |

**Additional Information:** The text for GHS Hazard Statements shown above (if any) is given in Section 16.

### 4. First-aid Measures

#### 4.1 Description of First Aid Measures

**GENERAL NOTES:** When symptoms persist or in all cases of doubt seek medical advice.

**AFTER INHALATION:** Move to fresh air. Consult a physician after significant exposure.

**AFTER SKIN CONTACT:** Use a mild soap if available. Wash off with soap and plenty of water. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**AFTER EYE CONTACT:** Rinse thoroughly with plenty of water, also under the eyelids. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. If eye irritation persists, consult a specialist.

**AFTER INGESTION:** Gently wipe or rinse the inside of the mouth with water. Give small amounts of water to drink. Never give anything by mouth to an unconscious person.

#### Self protection of the first aider:

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

#### 4.2 Most important symptoms and effects, both acute and delayed

No Information

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

### 5. Fire-fighting Measures

#### 5.1 Extinguishing Media:

None Known

**FOR SAFETY REASONS NOT TO BE USED:** Alcohol, Alcohol based solutions, any other media not listed above.

#### 5.2 Special hazards arising from the substance or mixture

No Information

#### 5.3 Advice for firefighters

None known. The product itself does not burn. In the event of fire, wear self-contained breathing apparatus. Water sprayDry powderFoamAlcohol-resistant foamCarbon dioxide (CO2)High volume water jet. None.

### 6. Accidental Release Measures

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

Ensure adequate ventilation. Avoid dust formation. Use personal protective equipment.

#### 6.2 Environmental precautions

No Information

**6.3 Methods and material for containment and cleaning up**

Pick up and transfer to properly labelled containers. No special environmental precautions required. After cleaning, flush away traces with water.

**6.4 Reference to other sections**

Please refer to disposal requirements or country specific disposal requirements for this material. See Section 13 for further information.

**7. Handling and Storage****7.1 Precautions for safe handling**

**INSTRUCTIONS FOR SAFE HANDLING:** Use only in area provided with appropriate exhaust ventilation. Provide sufficient air exchange and/or exhaust in work rooms. Wear personal protective equipment. Avoid dust formation. Protect from moisture. Avoid prolonged contact with eyes, skin and clothing.

**PROTECTION AND HYGIENE MEASURES:** Wash hands before breaks and at the end of workday. Do not breathe dust. Avoid contact with skin. When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing.

**7.2 Conditions for safe storage, including any incompatibilities**

**CONDITIONS TO AVOID:** Exposure to sunlight. Avoid dust accumulation in enclosed space. HEAT, IGNITION SOURCES, FIRE

**STORAGE CONDITIONS:** Keep tightly closed in a dry and cool place.

**7.3 Specific end use(s)**

No specific advice for end use available.

**8. Exposure Controls/Personal Protection****8.1 Control parameters****Ingredients with Occupational Exposure Limits (US)**

| <u>Name</u>                | <u>CAS-No.</u> | <u>ACGIH TWA</u> | <u>ACGIH STEL</u> | <u>ACGIH Ceiling</u> |
|----------------------------|----------------|------------------|-------------------|----------------------|
| Acrylamide                 | 79-06-1        | 0.03 MGM3        |                   |                      |
| N,N'-methylenediacrylamide | 110-26-9       |                  |                   |                      |

| <u>Name</u>                | <u>CAS-No.</u> | <u>OSHA PEL</u> | <u>OSHA STEL</u> |
|----------------------------|----------------|-----------------|------------------|
| Acrylamide                 | 79-06-1        | 0.3 MGM3        |                  |
| N,N'-methylenediacrylamide | 110-26-9       |                 |                  |

**FURTHER INFORMATION:** Refer to the regulatory exposure limits for the workforce enforced in each country.

**8.2 Exposure controls****Personal Protection**

**RESPIRATORY PROTECTION:** In case of insufficient ventilation wear suitable respiratory equipment. Effective dust mask.

**EYE PROTECTION:** Tightly fitting safety goggles. Safety glasses with side-shields.

**HAND PROTECTION:** Protective gloves. Impervious gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). Request information on glove permeation properties from the glove supplier. Complete suit protecting against chemicals. Remove and wash contaminated clothing before re-use.

**OTHER PROTECTIVE EQUIPMENT:** USE BOOTS AND PROTECTIVE CLOTHING TO PROTECT THE SKIN.

**ENGINEERING CONTROLS:** Ensure adequate ventilation, especially in confined areas.

**9. Physical and Chemical Properties****9.1 Information on basic physical and chemical properties**

|   |                 |
|---|-----------------|
| <b>Appearance:</b>                                  | Granular powder |
| <b>Physical State</b>                               | Solid           |
| <b>Odor</b>   | None            |
| <b>Odor threshold</b>                               | Not determined  |
| <b>pH</b>   | Not determined  |
| <b>Melting point / freezing point (°C)</b>          | Not determined  |
| <b>Boiling point/range (°C)</b>                     | N.D. - N.D.     |
| <b>Flash Point, (°F / °C)</b>                       | Not determined  |
| <b>Evaporation rate</b>                             | Not determined  |
| <b>Flammability (solid, gas)</b>                    | Not determined  |
| <b>Upper/lower flammability or explosive limits</b> | Not determined  |
| <b>Vapour Pressure</b>                              | Not determined  |
| <b>Vapour density</b>                               | Not determined  |
| <b>Relative density</b>                             | 1.13            |
| <b>Solubility in / Miscibility with water</b>       | Not determined  |
| <b>Partition coefficient: n-octanol/water</b>       | Not determined  |
| <b>Auto-ignition temperature (°C)</b>               | Not determined  |
| <b>Decomposition temperature (°C)</b>               | Not determined  |
| <b>Viscosity</b>                                    | Not determined  |
| <b>Explosive properties</b>                         | Not determined  |
| <b>Oxidising properties</b>                         | Not determined  |

## 9.2 Other information

|  |       |
|--|-------|
| <b>VOC Content g/l:</b>                    | 0     |
| <b>Specific Gravity (g/cm<sup>3</sup>)</b> | 0.000 |

## 10. Stability and Reactivity

### 10.1 Reactivity

Polymerization is initiated by: free radicals, peroxides. No reactivity hazards known under normal storage and use conditions. Polymerisation is a highly exothermic reaction and may generate sufficient heat to cause thermal decomposition and/or rupture containers.

### 10.2 Chemical stability

The product is normally supplied in a stabilized form. If the permissible storage period and/or storage temperature is noticeably exceeded, the product may polymerise with heat evolution.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

### 10.4 Conditions to avoid

Exposure to sunlight. Avoid dust accumulation in enclosed space. HEAT, IGNITION SOURCES, FIRE

### 10.5 Incompatible materials

Do not store near acids. Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. Strong oxidizing agents. OXIDIZING AGENTS

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known. Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>),

dense black smoke.

## 11. Toxicological Information

### 11.1 Information on toxicological effects

#### Acute Toxicity:

**Oral LD50:** No information available.

**Inhalation LC50:** No information available.

**Irritation:** No information available.

**Corrosivity:** No information available.

**Sensitization:** No information available.

**Repeated dose toxicity:** No information available.

**Carcinogenicity:** No information available.

**Mutagenicity:** No information available.

**Toxicity for reproduction:** No information available.

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> | <u>Gas LC50</u> | <u>Dust/Mist LC50</u> |
|----------------|----------------------|------------------|--------------------|-------------------|-----------------|-----------------------|
| 79-06-1        | Acrylamide           | 124              | 252                |                   | 0.000           | 0.000                 |

#### Additional Information:

No Information

## 12. Ecological Information

### 12.1 Toxicity:

**EC50 48hr (Daphnia):** No information

**IC50 72hr (Algae):** No information

**LC50 96hr (fish):** No information

**12.2 Persistence and degradability:** No information

**12.3 Bioaccumulative potential:** No information

**12.4 Mobility in soil:** No information

**12.5 Results of PBT and vPvB assessment:** The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

**12.6 Other adverse effects:** No information

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>EC50 48hr</u> | <u>IC50 72hr</u> | <u>LC50 96hr</u> |
|----------------|----------------------|------------------|------------------|------------------|
| 79-06-1        | Acrylamide           | No information   | No information   |                  |

110-26-9 N,N'-methylene diacrylamide

No information

No information

No information

### 13. Disposal Considerations

**13.1 WASTE TREATMENT METHODS:** If recycling is not practicable, dispose of in compliance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. Transport Information

|   |                   |
|---|-------------------|
| 14.1 UN number  | UN2074            |
| 14.2 UN proper shipping name  | Acrylamide, solid |
| Technical name  | Not applicable    |
| 14.3 Transport hazard class(es)   | 6.1               |
| Subsidiary shipping hazard  | Not applicable    |
| 14.4 Packing group  | III               |
| 14.5 Environmental hazards  | Not applicable    |
| 14.6 Special precautions for user   | Not applicable    |
| EmS-No.:  | Not applicable    |
| 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code | Not applicable    |

### 15. Regulatory Information

**15.1 Safety, health and environmental regulations/legislation for the substance or mixture:**

#### U.S. Federal Regulations: As follows -

##### CERCLA - Sara Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Carcinogenicity, Acute Toxicity (any route of exposure), Reproductive toxicity, Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure), Germ cell mutagenicity

##### Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the U.S. Superfund Amendment and Reauthorization Act (SARA) of 1986 and 40 CFR part 372:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| Acrylamide           | 79-06-1        |

##### Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components exist in this product.

**U.S. Clean Air Act:**

|                              |                |
|------------------------------|----------------|
| EPA Coating Category:        | Not applicable |
| EPA VOC Content Limit (g/l): | Not determined |
| Product VOC Content (g/l)    | Not applicable |
| Thinning Recommendations:    | Not applicable |
| Application Recommendations: | Not applicable |

\* As per the federal EPA definition for coating categories in 40 CFR 59.401.

\*\* Grams of VOC per liter of coating product as applied (mixture of Part A and Part B) per ASTM D2369 Method E.

**U.S. State Regulations: As follows -****New Jersey Right-to-Know:**

The following materials are non-hazardous, but are among the top five components in this product.

No NJ Right-To-Know components exist in this product.

**Pennsylvania Right-To-Know**

The following non-hazardous ingredients are present in the product at greater than 3%.

No PA Right-To-Know components exist in this product.

**California Proposition 65:**

WARNING: Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

WARNING: Reproductive Toxicant -- [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**International Regulations: As follows -****\* Canadian DSL:**

All chemical ingredients included on inventory or exempt.

**15.2 Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**16. Other Information****Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

|      |   |
|------|---|
| H301 | Toxic if swallowed.   |
| H302 | Harmful if swallowed.   |
| H311 | Toxic in contact with skin.                                     |
| H315 | Causes skin irritation.   |
| H317 | May cause an allergic skin reaction.                            |
| H319 | Causes serious eye irritation.                                  |
| H332 | Harmful if inhaled.   |
| H340 | May cause genetic defects.                                      |
| H350 | May cause cancer.   |
| H361 | Suspected of damaging fertility or the unborn child.            |
| H372 | Causes damage to organs through prolonged or repeated exposure. |

**Reasons for revision**



No Information

List of References:

This Safety Data Sheet was compiled with data and information from the following sources:

The Ariel Regulatory Database provided by the 3E Corporation in Copenhagen, Denmark;  
European Union Commission Regulation No. 1907/2006 on REACH as amended within Commission Regulation (EU) 2015/830;  
European Union (EC) Regulation No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) and subsequent technical progress adaptations (ATP);  
EU Council Decision 2000/532/EC and its Annex entitled "List of Wastes".

Acronym & Abbreviation Key:

|                   |   |
|-------------------|---|
| CLP               | Classification, Labeling & Packaging Regulation   |
| EC                | European Commission   |
| EU                | European Union  |
| US                | United States   |
| CAS               | Chemical Abstract Service   |
| EINECS            | European Inventory of Existing Chemical Substances  |
| REACH             | Registration, Evaluation, Authorization of Chemicals Regulation   |
| GHS               | Globally Harmonized System of Classification and Labeling of Chemicals  |
| LTEL              | Long term exposure limit  |
| STEL              | Short term exposure limit   |
| OEL               | Occupational exposure limit   |
| ppm               | Parts per million   |
| mg/m <sup>3</sup> | Milligrams per cubic meter  |
| TLV               | Threshold Limit Value   |
| ACGIH             | American Conference of Governmental Industrial Hygienists   |
| OSHA              | Occupational Safety & Health Administration   |
| PEL               | Permissible Exposure Limits   |
| VOC               | Volatile organic compounds  |
| g/l               | Grams per liter   |
| mg/kg             | Milligrams per kilogram   |
| N/A               | Not applicable  |
| LD50              | Lethal dose at 50%  |
| LC50              | Lethal concentration at 50%   |
| EC50              | Half maximal effective concentration  |
| IC50              | Half maximal inhibitory concentration   |
| PBT               | Persistent bioaccumulative toxic chemical   |
| vPvB              | Very persistent and very bioaccumulative  |
| EEC               | European Economic Community   |
| ADR               | International Transport of Dangerous Goods by Road  |
| RID               | International Transport of Dangerous Goods by Rail  |
| UN                | United Nations  |
| IMDG              | International Maritime Dangerous Goods Code   |
| IATA              | International Air Transport Association   |
| MARPOL            | International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 |
| IBC               | International Bulk Container  |
| RTI               | Respiratory Tract Irritation  |
| NE                | Narcotic Effects  |

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the

product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.