SAFETY DATA SHEET

1. Identification

Product identifier
ACRAGLAS (R) GEL RESIN, 8 OZ.

Other means of identification
Product code
081-017-117

Recommended use
Adhesive (epoxy resin component).

Recommended restrictions
Not available.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer
Company name
BROWNELLS, INC.
Address
200 South Front Street
Montezuma, Iowa 50171
United States

Telephone
(641) 623-5401

Website
www.brownells.com

E-mail
Not available.

Emergency phone number
INFOTRAC Registrant #79335
24 hour Emergency Number, Domestic: (800) 457-4280
24 hour Emergency Number, Foreign: +1(352) 323-3500

2. Hazard(s) identification

Physical hazards
Not available.

Health hazards
Skin corrosion/irritation
Category 2
Serious eye damage/eye irritation
Category 2
Sensitization, skin
Category 1

Environmental hazards
Hazardous to the aquatic environment,
long-term hazard
Category 2

OSHA defined hazards
Not available.

Label elements

Signal word
Warning

Hazard statement
Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

Precautionary statement

Prevention
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Observe good industrial hygiene practices. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Keep out of reach of children. Avoid release to the environment.

Response
If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove to fresh air if symptoms occur. If swallowed, do NOT induce vomiting. Give victim water or milk. Never give anything by mouth to a victim who is unconscious or is having convulsions. Call a physician or poison control center immediately. If exposed or concerned: Get medical advice/attention. Specific treatment (see this label).
Material name: ACRAGLAS (R) GEL RESIN, 8 OZ.

1356    Version #: 01    Issue date: 02-17-2015

### Storage
Store indoors in a cool, dry place at an ambient temperature. Keep containers closed when not in use. Store away from incompatible materials. Keep out of reach of children.

### Disposal
Dispose of in accordance with current, applicable local, state, and federal regulations.

#### Hazard(s) not otherwise classified (HNOC)
Not available.

#### Supplemental information
Not available.

### 3. Composition/information on ingredients

#### Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPOXY RESIN</td>
<td>25068-38-6</td>
<td>50 - &lt; 100</td>
<td></td>
</tr>
</tbody>
</table>

- Other components below reportable levels 20 - < 30

*#: This substance has workplace exposure limit(s).

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

#### Inhalation
If symptoms develop move victim to fresh air. If breathing is difficult, trained personnel should give oxygen. Get medical attention if symptoms persist. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

#### Skin contact
Remove contaminated clothing. Immediately wash off with plenty of soap and water. Get medical attention immediately. Wash contaminated clothing before reuse.

#### Eye contact
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

#### Ingestion
If swallowed, do NOT induce vomiting. Give victim water or milk. Call a physician or poison control center immediately. Never give anything by mouth to a victim who is unconscious or is having convulsions.

#### Most important symptoms/effects, acute and delayed
Skin irritation. May cause an allergic skin reaction. Aggravates preexisting dermatological conditions. Dermatitis. Causes serious eye irritation. At elevated temperatures vapors and aerosols are irritating to the respiratory system. May cause nausea and vomiting.

#### Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

#### General information
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet (SDS) to the doctor in attendance. If you feel unwell, seek medical advice (show the label where possible).

### 5. Fire-fighting measures

#### Suitable extinguishing media
Alcohol foam, carbon dioxide (CO2), dry chemical, foam, or water fog.

#### Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

#### Specific hazards arising from the chemical
Closed containers may rupture or explode (due to pressure build-up) when exposed to extreme heat.

#### Special protective equipment and precautions for firefighters
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and NIOSH approved self-contained breathing apparatus (SCBA).

#### Fire fighting equipment/instructions
Move containers from fire area if you can do so without risk. Water stream directed into fire may cause frothing with subsequent spread of flame. Use water to cool exposed containers.

#### Specific methods
Use standard firefighting procedures and consider the hazards of other involved materials.

#### Hazardous combustion products
Oxides of carbon. Irritating and/or toxic fumes and gases may be emitted upon the products thermal decomposition or combustion.
6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Ensure adequate ventilation. Wear appropriate protective equipment and clothing during clean-up. See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Methods and materials for containment and cleaning up

Dike the spilled material, where this is possible. Stop the flow of material, if this is without risk. Cover with plastic sheet to prevent spreading.

Clean up in accordance with all applicable regulations.

Large Spills: Absorb spill with vermiculite or other inert material. Sweep up and shovel into suitable containers for disposal. Clean surface thoroughly to remove residual contamination.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Avoid discharge into drains, water courses or onto the ground. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Keep off of soil.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Observe good industrial hygiene practices. Do not breathe dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation. Avoid contact with eyes, skin, and clothing. Wear personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment. When using, do not eat, drink or smoke. Wash thoroughly after handling. Remove contaminated clothes and wash separately before reuse. Handle and open container with care. Avoid release to the environment.

Conditions for safe storage, including any incompatibilities

Store indoors in a cool, dry place at an ambient temperature. Keep containers closed when not in use. Store away from incompatible materials. See Section 10 of the SDS for incompatible materials. Use care in handling/storage. Keep out of reach of children.

8. Exposure controls/personal protection

Occupational exposure limits

No exposure limits noted for ingredient(s).

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Local exhaust as needed to control vapor or dust levels to below lowest component TLV. Provide eyewash station and safety shower.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear chemical goggles. Face-shield.

Skin protection

Hand protection

Use nitrile, supported polyvinyl alcohol (PVA), or butyl rubber gloves.

Other

Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory protection

A NIOSH approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits, inhalation effects occur, or if use is performed in poorly ventilated spaces.

Thermal hazards

Not available.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. When using, do not eat, drink or smoke. Keep away from food and drink. Do not get in eyes, on skin, or on clothing.

9. Physical and chemical properties

Appearance

Physical state

Liquid.

Form

Liquid.

Color

Clear light yellow.

Odor

Mild, nondescript.

Odor threshold

Not available.
pH
Melting point/freezing point
Initial boiling point and boiling range
Flash point
Evaporation rate
Flammability (solid, gas)
Upper/lower flammability or explosive limits
Vapor pressure
Vapor density
Relative density
Solubility(ies)
Partition coefficient (n-octanol/water)
Auto-ignition temperature
Decomposition temperature
Viscosity
Other information

10. Stability and reactivity
Reactivity
Chemical stability
Possibility of hazardous reactions
Conditions to avoid
Incompatible materials
Hazardous decomposition products

11. Toxicological information
Information on likely routes of exposure
Inhalation
Skin contact
Eye contact
Ingestion

Material name: ACRAGLAS (R) GEL RESIN, 8 OZ.
Symptoms related to the physical, chemical and toxicological characteristics
Skin irritation. May cause an allergic skin reaction. Aggravates preexisting dermatological conditions. Dermatitis. At elevated temperatures vapors and aerosols are irritating to the respiratory system. Causes serious eye irritation. May cause nausea and vomiting.

Information on toxicological effects
Acute toxicity
Irritating, but will not permanently injure eye tissue. Causes serious eye irritation. This substance may cause moderate skin irritation. May cause an allergic skin reaction. Aerosols and/or vapors formed at elevated temperatures can be irritating to the respiratory track. Swallowing small amounts (a tablespoonful) during normal use of product will not likely cause injury. Swallowing larger amounts may cause injury. May cause nausea and vomiting.

Skin corrosion/irritation
Causes skin irritation.

Serious eye damage/eye irritation
Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization
Not available.

Skin sensitization
May cause an allergic skin reaction.

Germ cell mutagenicity
Not available.

Carcinogenicity
This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive toxicity
Not available.

Specific target organ toxicity
- single exposure
Not available.

Specific target organ toxicity
- repeated exposure
Not available.

Aspiration hazard
Not available.

Chronic effects
Preexisting dermatological conditions may be aggravated by exposure or contact.

12. Ecological information
Ecotoxicity
Toxic to aquatic life with long lasting effects.

Persistence and degradability
Not readily biodegradable in test environment.

Bioaccumulative potential
Moderate bioconcentration potential.

Mobility in soil
Not available.

Other adverse effects
Not available.

13. Disposal considerations
Disposal instructions
Dispose of in accordance with current, applicable local, state, and federal regulations.

Waste from residues / unused products
Not available.

Contaminated packaging
Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information
DOT
Not regulated as dangerous goods.

IATA

UN number
UN3082

UN proper shipping name
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL-A EPOXY RESIN)

Transport hazard class(es)
Class 9
Subsidiary risk
- III
Packing group
Environmental hazards
Yes
ERG Code
9L
Special precautions for user
Read safety instructions, SDS and emergency procedures before handling.

Other information
Passenger and cargo aircraft
Allowed.
Cargo aircraft only
Allowed.
IMDG

UN number: UN3082
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL-A EPOXY RESIN)
Transport hazard class(es):
   - Class: 9
   - Subsidiary risk: -
   - Packing group: III
   - Environmental hazards:
     - Marine pollutant: No.
   - EmS: F-A, S-F
Special precautions for user:
Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not available.

IATA; IMDG

Marine pollutant

General information
IMDG Regulated Marine Pollutant.

15. Regulatory information
US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

SARA 304 Emergency release notification
Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
   - Immediate Hazard - Yes
   - Delayed Hazard - No
   - Fire Hazard - No
   - Pressure Hazard - No
   - Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.
SARA 311/312
Hazardous chemical
SARA 313 (TRI reporting)
Not regulated.

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.
Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)
Not listed.

US. Massachusetts RTK - Substance List
Not regulated.

US. New Jersey Worker and Community Right-to-Know Act
Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law
Not listed.

US. Rhode Island RTK
Not regulated.

US. California Proposition 65
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
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<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
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<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
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<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
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<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
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<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</td>
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<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
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<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>Yes</td>
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<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
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<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
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<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
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<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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

Issue date: 02-17-2015
Version #: 01

References
ACGIH
EPA: AQUIRE database
NLM: Hazardous Substances Data Base
US. IARC Monographs on Occupational Exposures to Chemical Agents
Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Revision Information

Product and Company Identification: Product Uses
Composition / Information on Ingredients: Ingredients
Physical & Chemical Properties: Multiple Properties
Transport Information: Material Transportation Information
Regulatory Information: United States
HazReg Data: International Inventories