

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).

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.

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

Supplemental information Not available.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
EPOXY RESIN		25068-38-6	50 - < 100
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	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	500 °F (260 °C)
Flash point	485.6 °F (252.0 °C)
Evaporation rate	Slower than n-Butyl Acetate
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Heavier than air.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Insoluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Specific gravity	1.129
VOC (Weight %)	0 g/l (Calculated).

10. Stability and reactivity

Reactivity	Not available.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Will not occur under normal conditions.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong bases or oxidants. Strong Lewis or mineral acids. Reaction with amines or mercaptans in large amounts and/or under uncontrolled conditions releases considerable heat and may release acrid fumes or smoke.
Hazardous decomposition products	May include oxides of carbon. Irritating and/or toxic fumes and gases may be emitted upon the products thermal decomposition or combustion.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Avoid breathing dust/fume/gas/mist/vapors/spray. Vapors and/or aerosols which may be formed at elevated temperatures and may be irritating to the respiratory tract.
Skin contact	Do not get this material in contact with skin. Moderate skin irritation. May cause an allergic skin reaction. Prolonged contact may cause dermatitis.
Eye contact	Do not get this material in contact with eyes. Irritating, but will not permanently injure eye tissue. Causes serious eye irritation.
Ingestion	Do not swallow or taste. May cause nausea and vomiting. Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

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 -

Packing group III

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

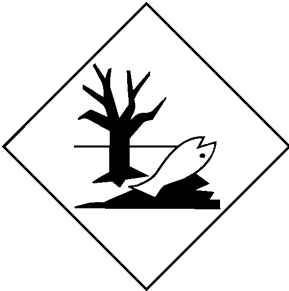
UN number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL-A EPOXY RESIN)
Transport hazard class(es)	
Class	9
Subsidiary risk	-
Packing group	III
Environmental hazards	
Marine pollutant	No.
EmS	F-A, S-F
Special precautions for user	Read safety instructions,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

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

*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