



**GATOR HYBRID SEAL HIGH GLOSS  
FOR DRY CAST CONCRETE PAVERS**  
SDS Revision Date (dd/mm/yyyy): 07/01/2019

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**Product name :** GATOR HYBRID SEAL HIGH GLOSS  
**Product code :** -  
**Product type :** Liquid.

**Supplier's details :** ALLIANCE DESIGN PRODUCTS  
 225 Blvd. Bellerose West  
 Laval, Quebec, Canada H7L 6A1  
 Tel.: 450 624-1611 Fax : 450 624-1622 Toll free : 1 866-212-1611  
 www.alliancegator.com - Email : info@alliancegator.com

**Emergency telephone number (24/7) :** Canada : 1-613-996-6666 Canutec  
 United States : 1-800-424-9300 Chemtrec

## SECTION 2 - HAZARDS IDENTIFICATION

**OSHA/HCS status :** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

### WARNING



**Classification of the substance or mixture :** SKIN SENSITIZATION - Category 1

**Hazard statements :** H317 - May cause an allergic skin reaction.

## PRECAUTIONARY STATEMENTS

**General :** Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention :** Wear protective gloves. Avoid breathing vapor. Contaminated work clothing must not be allowed out of the workplace.

**Response :** IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.

**Storage :** Not applicable.

**Disposal :** Dispose of contents and container in accordance with all local, regional, national and international regulations.

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/mixture:** Mixture

Ingredient name	%	CAS number
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	0 - 1.5	55965-84-9



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### **SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS (CONT.)**

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

### **SECTION 4 - FIRST AID MEASURES**

#### **DESCRIPTION OF NECESSARY FIRST AID MEASURES**

<b>Eye contact :</b>	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
<b>Inhalation :</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar tie, belt or waistband.
<b>Skin contact :</b>	Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
<b>Ingestion :</b>	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### **MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED**

##### **POTENTIAL ACUTE HEALTH EFFECTS**

<b>Eye contact :</b>	No known significant effects or critical hazards.
<b>Inhalation :</b>	No known significant effects or critical hazards.
<b>Skin contact :</b>	May cause an allergic skin reaction.
<b>Ingestion :</b>	No known significant effects or critical hazards.

##### **OVER-EXPOSURE SIGNS/SYMPTOMS**

<b>Eye contact :</b>	No specific data.
<b>Inhalation :</b>	No specific data.



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### **SECTION 4 - FIRST AID MEASURES (CONT.)**

**Skin contact :** Adverse symptoms may include the following:  
irritation  
redness

**Ingestion :** No specific data.

### **INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY**

**Notes to physician :** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments :** No specific treatment.

**Protection of first-aiders :** 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.

### **SEE TOXICOLOGICAL INFORMATION (SECTION 11)**

### **SECTION 5 - FIRE FIGHTING MEASURES**

#### **EXTINGUISHING MEDIA**

**Suitable extinguishing media :** Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media :** None known.

**Specific hazards arising from the chemical :** In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products :** Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

**Special protective actions for fire-fighters :** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters :** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

#### **PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

**For non-emergency personnel :** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders :** If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".



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### **SECTION 6 - ACCIDENTAL RELEASE MEASURES (CONT.)**

**Environmental precautions :** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### **METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**

**Small spill :** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill :** Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

### **SECTION 7 - HANDLING AND STORAGE**

#### **PRECAUTIONS FOR SAFE HANDLING**

**Protective measures :** Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene :**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.



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**SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**CONTROL PARAMETERS**

**Occupational exposure limits**

Ingredient name	Exposure limits
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	None

**Appropriate engineering controls :** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental exposure controls :** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**INDIVIDUAL PROTECTION MEASURES**

**Hygiene measures :** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection :** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

**SKIN PROTECTION**

**Hand protection :** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection :** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection :** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection :** Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.





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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE**

Physical state :	Liquid.
Color :	White.
Odor :	Not available.
Odor threshold :	Not available.
pH :	7.0.
Melting point :	Not available.
Boiling point :	Not available.
Flash point :	Not available.
Relative density :	1.03.
Viscosity :	100 CPS.

**SECTION 10 - STABILITY AND REACTIVITY**

Reactivity :	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability :	The product is stable.
Possibility of hazardous reactions :	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid :	No specific data.
Incompatible materials:	No specific data.
Hazardous decomposition products :	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**INFORMATION ON TOXICOLOGICAL EFFECTS**

**ACUTE TOXICITY**

Product/ingredient name	Result	Species	Dose	Exposure
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	LD50 Oral	Rat	53 mg/kg	-

**IRRITATION/CORROSION**

Product/ingredient name	Result	Species	Score	Exposure	Observation
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Skin - Severe irritant	Human	-	0.01 Percent	-

**SENSITIZATION**

No known significant effects or critical hazards.

**MUTAGENICITY**

No known significant effects or critical hazards.



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**SECTION 11 - TOXICOLOGICAL INFORMATION (CONT.)**

**CARCINOGENICITY**

No known significant effects or critical hazards.

**REPRODUCTIVE TOXICITY**

No known significant effects or critical hazards.

**TERATOGENICITY**

No known significant effects or critical hazards.

**SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)**

No known significant effects or critical hazards.

**SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE)**

No known significant effects or critical hazards.

**ASPIRATION HAZARD**

No known significant effects or critical hazards.

**Information on the likely**

**routes of exposure** : Not available.

**POTENTIAL ACUTE HEALTH EFFECTS**

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

**SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS**

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:
  - irritation
  - redness
- Ingestion** : No specific data.

**DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE**

**SHORT TERM EXPOSURE**

- Potential immediate effects : Not available.
- Potential delayed effects : Not available.

**LONG TERM EXPOSURE**

- Potential immediate effects : Not available.
- Potential delayed effects : Not available.

**POTENTIAL CHRONIC HEALTH EFFECTS**

No known significant effects or critical hazards.

- General** : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.





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**SECTION 11 - TOXICOLOGICAL INFORMATION (CONT.)**

- Teratogenicity : No known significant effects or critical hazards.
- Developmental effects : No known significant effects or critical hazards.
- Fertility effects : No known significant effects or critical hazards.

**NUMERICAL MEASURES OF TOXICITY**

**ACUTE TOXICITY ESTIMATES**

Not available.

**SECTION 12 - ECOLOGICAL INFORMATION**

**TOXICITY**

Not available.

**PERSISTENCE AND DEGRADABILITY**

Not available.

**BIOACCUMULATIVE POTENTIAL**

Not available.

**MOBILITY IN SOIL**

**Soil/water partition**

**coefficient (KOC) :** Not available.

**Other adverse effects :** No known significant effects or critical hazards.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Disposal methods :** The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.



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**SECTION 14 - TRANSPORT INFORMATION**

	DOT Classification	TDG Classification	Mexico Classification	IMDG	IATA
UN number	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
UN proper shipping name	-	-	-	-	-
Transport hazard class (es)	-	-	-	-	-
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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

**SECTION 15 - REGULATORY INFORMATION**

**Canada**

Canadian NPRI : None of the components are listed.

CEPA Toxic substances : None of the components are listed.

**United States**

U.S. Federal regulations : **TSCA 8(a) CDR Exempt/Partial exemption:** Not determined  
**Clean Water Act (CWA) 311:** ammonia, anhydrous

- Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs) : Not listed
- Clean Air Act Section 602 Class I Substances : Not listed
- Clean Air Act Section 602 Class II Substances : Not listed
- DEA List I Chemicals (Precursor Chemicals) : Not listed
- DEA List II Chemicals (Essential Chemicals) : Not listed

**CALIFORNIA PROP. 65**

This product does not require a Safe Harbor warning under California Prop. 65.

**INVENTORY LIST**

- Canada : At least one component is not listed in DSL but all such components are listed in NDSL.
- China : All components are listed or exempted.
- Europe : Not determined.
- United States : Not determined.



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**SECTION 16 -OTHER INFORMATION**

Procedure used to derive the classification

Classification	Justification
SKIN SENSITIZATION - Category 1	Calculation method

**HISTORY**

- Date of printing : 07-01-2019
- Date of issue/Date of revision : 07-01-2019
- Date of previous issue version : 07-01-2019
- Version : 0.02
- Key to abbreviations :
  - ATE = Acute Toxicity Estimate
  - BCF = Bioconcentration Factor
  - GHS = Globally Harmonized System of Classification and Labelling of Chemicals
  - IATA = International Air Transport Association
  - IBC = Intermediate Bulk Container
  - IMDG = International Maritime Dangerous Goods
  - LogPow = logarithm of the octanol/water partition coefficient
  - MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
  - UN = United Nations
- References : Not available.

**NOTICE TO READER**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



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