

**GATOR EDGE RIGID & GATOR EDGE FLEX**

SDS Revision Date (dd/mm/yyyy): 26/03/2018

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product name: Gator Edge Rigid & Gator Edge Flex
Chemical name: 1-Propene, polymer with ethane
CAS Number: 9010-79-1
Chemical Family: Olefinic copolymer

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SECTION 2 - COMPOSITION

Component Name:	CAS No:	OSHA PEL	OSHA STEL/C	ACGIH TLV	ACGIH STEL/C	Carcinogenic Listing*	% Concentration		
							Avg.	Min.	Max.
1-Propene, Polymer with Ethene	9010-79-1	N/L	N/L	N/L	N/L	N/L	98.0	100.0	
Proprietary Additives		N/L	N/L	N/L	N/L	N/L	0.0	2.0	

*1 = OSHA 2= IARC 3= NTP 4=Others N/L - Not Listed See Section 11 for more information

SECTION 3 - HAZARD IDENTIFICATION

Emergency Overview: This material is NOT HAZARDOUS by OSHA Hazard Communication definition.

Hazards Identification: Dust may form explosive mixtures with air. Molten polymer may cause thermal burns. Irritating may be produced at process temperatures.

Physical State: Solid

Color: Translucent to white

Odor: Faint, mild hydrocarbon odor.

Odor Threshold: No value available.

Potential Health Effects:

Routes of Exposure: Eye Ingestion Skin

Signs and Symptoms of Acute Exposure: Hot material may cause thermal burns. At process temperatures, irritating fumes may cause soreness in the nose and throat; coughing may result. Mechanical irritation is possible.

• **1-Propene, Polymer with Ethene** Hot material may cause thermal burns. At process temperatures, irritating fumes may cause soreness in the nose and throat; coughing may result. Mechanical irritation is possible.



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SECTION 3 - HAZARD IDENTIFICATION (CONT.)

Skin:	Molten polymer may cause thermal burns.
Inhalation:	At process temperatures irritating fumes may be produced. Inhalation of process fumes and vapors may cause soreness in the nose and throat and coughing. "Nuisance dust" such as polymer dust typically exhibit no significant health effect when they are reasonably controlled. Exposure to high concentrations of dust may cause slight irritation by mechanical action.
Eye:	Mechanical irritation is possible.
Ingestion:	No known chronic health effects.
Chronic Health Effects:	No known chronic health effects.
• 1-Propene, Polymer with Ethene	No known chronic health effects.
Conditions Aggravated by Exposure:	No known conditions are aggravated by this material.

SECTION 4 - FIRST AID MEASURES

Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. For specific information refer to the Emergency Overview in Section 3 of this SDS.

Inhalation:	If symptoms are experienced, move victim to fresh air. Obtain medical attention if symptoms persist.
Eye:	Wash eyes with clean low-pressure water. If irritation persists, seek medical advice.
Skin:	If molten material contacts the skin, immediately flush with large amounts of water to cool the affected tissue and polymer. Do not attempt to peel polymer from skin. Get medical attention immediately.
Ingestion:	Adverse health effects due to ingestion are not anticipated if gastric irritation or discomfort persists, seek medical advice.

SECTION 5 - FIRE FIGHTING MEASURES NFPA: HEALTH 0; FIRE 1; REACTIVITY 0; OTHERS;

Flammability Classification:	Not Classified. Polymer will burn but does not ignite readily.
Flash Point/Method:	
Auto-Ignition Temperature:	570 °C (1,050 °F)
Flammable Limits:	Lower: Not applicable Upper: Not applicable
Hazardous Combustion Products:	Carbon monoxide, oldfinic and paraffinic compounds, trace amounts of organic acids, ketones, aldehydes and alcohols may be found.
Special Conditions to Avoid:	Dust may form explosive mixtures with air.
Extinguishing Media	
Fire Fighting:	LARGE FIRES: Use dry chemicals, CO ₂ , or water spray.
Instructions:	Protective Equipment/Clothing: Wear a NIOSH approved positive pressure self contained breathing apparatus and firefighter turnout gear. Instructions: Use flooding quantities of water until well after fire is out.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

Release Response: Pick up and retain for recycle or disposal. Do not flush spilled material to the sewer or the environment.

Reportable Quantities: See Section 15; Regulatory Information.

SECTION 7 - HANDLING AND STORAGE

Handling: Keep material off walking surfaces, it may create a slipping hazard. Polymer dust may form explosive mixtures with air. Avoid accumulation of dust in enclosed space. Use in well-ventilated area. Ground and bound equipment to prevent electrostatic charge when transferring product. Control spilled material to prevent runoff to the sewers and the environment.

Storage: Keep container dry. Store away from excessive heat and away from strong oxidizing agents. Keep container closed to prevent contamination.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: If user operations generate dust or fumes, ventilate area to prevent accumulation.

Personal Protection:

Inhalation: Use appropriate respiratory protection where atmosphere exceeds recommended limits. Total Dust (PNOC): ACGIH 10mg/M3, OSHA 15mg/M3. Respirable Dust (PNOC) ACGIH 3 mg/M3, OSHA 5 mg/M3.

Skin: Protective clothing such as long sleeves or a lab coat should be worn, When handling heated materials, also be sure to use heat-resistant gloves, boots and face protection.

Eye: Use safety glasses.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not applicable

pH: Not applicable

Vapor Pressure:

Viscosity: Not applicable

Specific Gravity: Solid/Liquid 0.92-0.98 (water=1)
Vapor: Not applicable

Water Solubility: Insoluble

Octanol/Water Partition:

Coefficient in Kow: Specific data not available

Melting/Freezing Point: 162 °C (325 °F)

Evaporation Rate: Not applicable

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: The product stable.

Condition to Avoid: Avoid contact with strong oxidizers, excessive heat, sparks or open flame.

Incompatibility with: Chlorine, fuming nitric acid and strong oxidizing agents.



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SECTION 10 - STABILITY AND REACTIVITY (CONT.)

Hazardous Products of Decomposition:	Not expected to decompose under normal conditions.
Hazardous Polymerization:	Does not react with air, water or other common materials.

SECTION 11 - TOXICOLOGICAL INFORMATION

Summary Data:	Not considered to be toxic to humans or animals.
ACUTE INHALATION EFFECTS:	Inhalation of polypropylene DUST may cause lung inflammation. Prolonged inhalation of thermal degradation products from polypropylene may cause neurological effects.
ACUTE ORAL EFFECTS:	Mice given an acute oral dose of 8 g/kg of Polypropylene showed no noticeable toxic effects.
SKIN EFFECTS:	No skin effects are expected from polymer contact.
REPEATED DOSE TOXICITY:	A two year test showed no effect in rats fed a diet as high as 20,000 ppm and dogs fed up to 1 g/kg of Polypropylene.
REPRODUCTIVE/DEVELOPMENT EFFECTS:	No reproductive or developmental effects are expected.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	Ecotoxicity is expected to be low based on the low water solubility of polymers. Pellets can be harmful to birds and fish if ingested.
Environmental Fate:	No information found in our selected references.
Bioaccumulation:	Not expected to occur.

SECTION 13 - DISPOSAL CONSIDERATIONS

This material is NOT classified as a Hazardous Material by RCRA. Recycle, if possible. Use only licensed transporters and permitted disposal facilities and conform to all laws. Recycle to process, if possible.

SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name:	Polypropylene, or liquid
DOT Hazard Class:	Not regulated.
UN/NA ID:	Not regulated.
Packing Group:	Not applicable.
Labels:	Not regulated.
Marine Pollutant:	No.
NAER Guidebook:	Not regulated.
DOT Status:	Not regulated.

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SECTION 15 - REGULATORY INFORMATION

TSCA: All components of this product are listed on the TSCA 8(b) inventory, if identified components of this product are listed under the TSCA 12(b) Export Notification rule, they will be listed below.

TSCA 12(b) Component**SARA-Section 313****Emissions Reporting:**

This product contains no SARA 313 "toxic chemicals" above threshold levels.

Component**Reporting Threshold****SARA-Section 311/312:**

No components present in this product are subject to the reporting requirements of this statute.

**CERCLA Hazardous Substances
and their Reportable Quantities:****Component****Reporting Threshold****California Prop. 65:**

Proposition 65 requires manufacturers or distributors of consumer products into the State of California to provide a warning statement if the product contains ingredients for which the State has found to cause cancer, birth defects or other reproductive harm. If this product contains an ingredient listed by the State of California to cause cancer or reproductive toxicity it will be listed below.

SECTION 16 - OTHER INFORMATION**DISCLAIMER OF****LIABILITY:**

CAUTION DO NOT USE ALLIANCE PRODUCT IN APPLICATIONS INVOLVING IMPLANTATION WITHIN THE BODY; DIRECT OR INDIRECT CONTACT WITH THE BLOOD PATHWAY; CONTACT WITH BONE, TISSUE, TISSUE FLUID, OR BLOOD; OR PROLONGED CONTACT WITH MUCOUS MEMBRANES. ALLIANCE PRODUCTS ARE NOT DESIGNED OR MANUFACTURED FOR USE IN IMPLANTATION IN THE HUMAN BODY OR IN CONTACT WITH INTERNAL BODY FLUIDS OR TISSUES. ALLIANCE WILL NOT PROVIDE TO CUSTOMERS MAKING DEVICES FOR SUCH APPLICATIONS ANY NOTICE, CERTIFICATION OR INFORMATION NECESSARY FOR SUCH MEDICAL DEVICE AS REQUIRED BY FDA REGULATION OR ANY OTHER STATUTE. ALLIANCE MAKES NO REPRESENTATION, PROMISE, EXPRESS WARRANTY OR IMPLIED WARRANTY CONCERNING THE SUITABILITY OF THESE MATERIALS FOR USE IN IMPLANTATION IN THE HUMAN BODY OR IN CONTACT WITH INTERNAL BODY TISSUES OR FLUIDS.

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