

Safety Data Sheet

Gatorblanks®



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Version 6.0

Section 1. Product Identification

Product name: Gatorblanks®

Company Identification

3A Composites USA, Inc.
3480 Taylorsville Highway
Statesville, NC 28687-1839

Customer Information Number: (800) 872-8974

Emergency Phone Number: 1-800-424-9300 Chemtrec
To be used only in the event of chemical emergencies involving a spill, leak, fire, and exposure accidents involving chemicals.

Section 2. Hazard Identification

Physical Appearance: Flat sheets

Potential Health Effects: This product is classified as a non-hazardous component when polymerized. Avoid breathing dust if cut, sanded, or routed.

Other hazards: No data available

Section 3. Chemical Composition

Ingredients:	CAS Number	Percent % (by weight)
Polystyrene	9003-53-6	100

Section 4. First Aid Measures

Eye Contact: Dust may mechanically irritate the eyes, resulting in redness or watering. Treat dust in eye as foreign object. Flush with water to remove dust particles. Get medical help if irritation persists.

Skin Contact: Not anticipated for product in purchased form, wash with mild soap and water.

Inhalation: If inhalation causes adverse effects, respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. Remove to fresh air. Get medical help if persistent irritation, severe coughing or breathing difficulty occurs.

Note to Physician: No special advice, treat symptomatically

Ingestion: Not likely to occur for product in purchased form.

Inhalation: Excessive dust concentrations may cause unpleasant obstruction in the nasal passages.

Skin Absorption: Product is not absorbed through the skin.

Section 5. Fire Fighting Measures

FIRE EXTINGUISHING MEDIA: For small fires, use water spray, foam, carbon dioxide or dry chemical extinguishers. Larger fires should be extinguished immediately by drenching with water spray from fire hose.

SPECIAL FIRE FIGHTING PROCEDURES: Wear positive pressure self-contained breathing apparatus and protective turnout clothing when involved in firefighting activities.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This polystyrene foam plastic product is combustible. The core material contains a flame retardant to inhibit accidental ignition from small fire sources. However, once ignited the core material will burn and emit a dense black smoke. Do not smoke or use open flames, space heaters or other ignition sources near shipping, storage or use of this product.

HAZARDOUS COMBUSTION PRODUCTS: Hazardous decomposition may release toxic/hazardous gases. The polystyrene component may release small amounts of hydrogen bromide, hydrogen chloride and hydrogen fluoride when burned or heated over 482 F. The polystyrene component may release small amounts of aromatic hydrocarbons such as styrene and ethyl benzene under high heat, non-flaming conditions.

Section 6. Accidental Release

Sweep or vacuum up for recovery and disposal. Avoid creating dusty conditions whenever feasible. Maintain good housekeeping to avoid accumulation of cellulose dust on exposed surfaces. Use NIOSH approved filtering face piece respirator (“dust mask”) and goggles where ventilation is not possible and exposure limits may be exceeded or for additional worker comfort.

Other Precautions: Minimize compressed air blow down or other practices that generate high dust levels.

Section 7. Handling and Storage

Store in well-ventilated areas. Handling and storage near open flames must be avoided.

Practice good personal hygiene when handling product. Avoid blowing dust with compressed air.

Section 8. Exposure Controls

EXPOSURE FROM ROUTINE USE: Solid or dust can cause irritation to the eyes, nose, throat, lungs, and skin.

SKIN AND EYE CONTACT: Solid or dust may cause irritation or corneal injury due to mechanical action.

INGESTION: Ingestion is unlikely due to physical state.

INHALATION: Polystyrene foam dust and paper dust may cause irritation to the upper respiratory tract. Irritation is reversible when exposure is terminated.

PROBABLE ROUTES OF EXPOSURE: Skin, eyes, inhalation.

Ingredient	OSHA Exposure Limit		ACGIH
	Total	Respirable	TLV
Polystyrene (as nuisance dust)	15mg/m ³	5mg/m ³	10mg/m ³ inhalable particulate
			3mg/m ³ respirable particulate

Note: Nuisance dust may be generated during certain cutting operations. OSHA considers nuisance dust as Particulates Not Otherwise Regulated (PNOR).

Personal Protective Equipment:

RESPIRATORY PROTECTION – Use NIOSH-approved filtering face piece respirator (“dust mask”) and goggles where ventilation is limited. Use respiratory protection in accordance with regulatory requirements such as the OSHA respiratory protection standard 29 CFR 1910.134.

PROTECTIVE GLOVES – Not required. However, cloth, canvas, or leather gloves are recommended to minimize potential mechanical irritation or cuts from handling product.

EYE PROTECTION – Approved goggles or tight fitting safety glasses are recommended when exposures to dust may occur (e.g. during clean up) and when eye irritation may occur.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT – Not applicable for product in purchased form. Outer garments may be desirable in extremely dusty areas.

WORK/HYGIENE PRACTICES – Follow good hygienic and housekeeping practices. Clean up areas where dust settles to avoid excessive accumulation. Minimize compressed air blow down or other practices that generate high airborne-dust concentrations.

Ventilation:

LOCAL EXHAUST – Provide local exhaust as needed so that exposure limits are met. Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation, and process enclosure if necessary, to control airborne dust. Ventilation to control dust should be considered where potential explosive concentrations and ignition sources are present. The design and operation of any exhaust system should consider the possibility of explosive concentrations of cellulose dust within the system. See “SPECIAL” section below.

MECHANICAL (GENERAL) – Provide general ventilation in processing and storage areas so that exposure limits are met.

SPECIAL – Ensure that exhaust ventilation and material transport systems involved in handling this product contain explosion relief vents or suppression systems designed and operated in accordance with applicable standards if the operating conditions justify their use.

PPE Requirements: Safety glasses, dust respirator and gloves.

Section 9. Physical and Chemical Properties

Appearance:	Rigid black or white sheet
Odor:	None
Odor Threshold:	None
PH:	None
Melting Point:	>132.22°C (>270°F)
Initial Boiling Point/Boiling Range:	None
Flash Point:	NA
Evaporation Rate:	None
Flammability:	NA
Upper/lower explosive limit:	NA
Vapor Pressure:	None
Vapor Density:	None
Specific Gravity:	Less than water
Solubility:	Not soluble in water
Partition coefficient:	NA
Auto-Ignition:	440°C (824°F)
Decomposition Temperature:	NA
Viscosity:	None

Section 10. Stability and Reactivity

STABILITY: Stable.

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION PRODUCTS:

Decomposition products can be affected by temperature, air supply and the presence of other materials.

Decomposition products can include harmful gases.

HAZARDOUS POLYMERIZATION: N/A

Section 11. Toxicology Information

No Information available at this time.

Section 12. Ecological Information

No Information available at this time.

Section 13. Disposal Information


Dispose of waste materials in accordance with federal, state, and local regulations.

Section 14. Transportation

Not regulated

Section 15. Regulatory Information

PROPOSITION 65: (California Only)

Additional Requirements for the State of California: “  **WARNING:** This product can expose you to chemicals including styrene, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.”

We realize that this warning sounds very alarming however; we want to reassure you based on the findings of reliable research. While there is research that supports health-related risks due to exposure to the listed chemical, this research also finds that the key factor in determining the health risk is the amount of exposure to the chemical vapors and not products made as a result of its use. These hazardous exposure limits are generally found in the workplace when chemicals in liquid form are being used, and are no longer in liquid forms in the products being shipped to our retailers and customers.

TSCA: All ingredients of this product are either listed on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

CERCLA: This product does not contain ingredients which are subject to the reporting requirements of CERCLA.

REACH: Pursuant to Title II article 7 of the regulation this product is exempt from registration and notification and is therefore compliant with the REACH regulation.

RoHS: The Gatorfoam® and Fome-Cor® family of products are compliant with the RoHS standard.

OSHA: This product, as shipped, is not regulated as an OSHA hazardous chemical, however, cellulose dust is a regulated hazard under the OSHA Hazard Communication Standard [29 CFR 1910.1200] when it becomes mechanically processed and airborne.

SARA 313 Information: This product does not contain a chemical ingredient(s) with known CAS Number to exceed the *de minimis* reporting levels established by SARA Title III, section 313 and 40 CFR section 372 depending upon pulp inventory.

SARA 311/312 Hazard Category: This product has been reviewed according the EPA “Hazard Categories: promulgated under SARA Title III, Sections 311 and 312 and is considered, under applicable definitions, to meet the following categories:

An immediate acute) health hazard	No
A delayed (chronic) health hazard	No
A corrosive hazard	No
A fire hazard	No
A reactivity hazard	No
A sudden release hazard	No

Section 16. Other Information

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Definition of Common Terms:

ACGIH	=	American Conference of Governmental Industrial Hygienists
CAS#	=	Chemical Abstracts System Number
CERCLA	=	Comprehensive Environmental Response, Compensation, and Liability Act
DOT	=	U. S. Department of Transportation
DSL	=	Domestic Substance List
EPA	=	U.S. Environmental Protection Agency
IARC	=	International Agency for Research on Cancer
IATA	=	International Air Transport Association

IMDG	=	International Maritime Dangerous Goods
NA	=	Not Applicable
NIOSH	=	National Institute for Occupational Safety and Health
NTP	=	National Toxicology Program
OSHA	=	Occupational Safety and Health Administration
PEL	=	Permissible Exposure Limit
RoHS	=	Restriction of Hazardous Substances used in electronic equipment
STEL	=	Short-Term Exposure Limit (15 minutes)
TDG	=	Canadian Transportation of Dangerous Goods
TLV	=	Threshold Limit Value
TSCA	=	Toxic Substance Control Act