

9220 Gator Grip Tint Base


SECTION 1

PRODUCT AND COMPANY IDENTIFICATION

Product Name:	9220 Gator Grip Tint Base
Version:	1
Identifier 1:	Gator Grip Safe Step White Base
Identifier 2:	N/A
Chemical Family:	Liquid Mixture
Product Use:	Concrete Coating
Company Information:	Anvil Paints & Coatings, Inc. 1255 Starkey Road Largo, FL 33771 Phone: (800) 822-6776 Internet Address: www.anvilpaints.com
24 Hour Emergency Contact:	INFOTRAC 1-800-535-5053 (US & Canada) 1-353-323-3500 (International)

SECTION 2

HAZARD(S) IDENTIFICATION

OSHA/HCS Status:	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFT 1910.1200).	
Hazard Classification:	Health Hazards Carcinogenicity, Category 2 Acute Aquatic Toxicity, Category 2 Chronic Aquatic Hazard, Category 2	
Pictogram(s):		
Signal Word:	WARNING	
Hazard Statements:	H351 H411	- Suspected of causing cancer. - Toxic to aquatic life with long lasting effects.
Precautionary Statements:	Prevention P201 P202 P280 P273	- Obtain special instructions before use. - Do not handle until all safety precautions have been read and understood. - Wear protective gloves/protective clothing/eye protection/face protection. - Avoid release to the environment.
	Response P391 P308+P313	- Collect spillage. - IF exposed or concerned: Get medical advice/attention.

Storage

P405 - Store locked up.

Disposal

P501 - Dispose of contents/container in accordance with all local, regional, national, and international regulations.

SECTION 3**COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous Ingredients**

Ingredient Name	CAS Number	Concentration (%)
Titanium Dioxide*	13463-67-7	25.00 – 50.00
Limestone	1317-65-3	10.00 – 25.00
Talc	14807-96-6	5.00 – 10.00
Zinc Oxide	1314-13-2	1.00 – 3.00
Cellulose, 2-Hydroxyethyl Ether	9004-62-0	1.00 – 3.00
Diuron	330-54-1	<0.10
Carbendazim	10605-21-7	<0.073

*The hazards of the listed Titanium Dioxide are for its powder unbound form. When the chemical is used in applications such as textures or coatings, the chemical becomes bound and are not in its hazardous form.

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.

SECTION 4**FIRST-AID MEASURES****Eye Contact:**

Immediately flush eye(s) with plenty of water, occasionally lifting the upper and lower eyelids and continue to rinse for at least 20 minutes. Remove contact lenses. Get medical attention.

Inhalation:

Move 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 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.

Skin Contact:

Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing and shoes thoroughly before reuse.

Ingestion:

Wash out mouth with water. Remove dentures if any. Move 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 immediately. Never give anything by mouth to an unconscious person. If unconscious, place in recover position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

Most Important Symptoms and Effects, Both Acute and Delayed:

No known significant effects or critical hazards.

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.

Notes to Physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. See toxicological information (Section 11).

SECTION 5**FIRE-FIGHTING MEASURES**

Suitable Extinguishing Media:	Use an extinguishing agent suitable for the surround fire.
Unsuitable Extinguishing Media:	N/A
Specific Precautionary Methods:	In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. For water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer, or drain.
Hazardous Thermal Decomposition Products:	Decomposition products may include the following materials: Carbon Dioxide Carbon Monoxide Metal Oxide(s)
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 Firefighters:	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**

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 Non-Emergency Personnel”.
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). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
Cleanup:	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.
Regulatory Requirements:	Follow applicable OSHA regulations (29 CFR 1940.120).

SECTION 7

HANDLING AND STORAGE

- Protective Measures:** Put on appropriate personal protective equipment (see Section 8). Avoid exposure – obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. If during normal use of the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. 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. See also Section 8 for additional information on hygiene measures.
- Storage Requirements:** Store in accordance with federal, state, and 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. Store locked up. 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.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Ingredient Name	Basis	Value	Exposure Limit(s)* / Form of Exposure
Titanium Dioxide**	ACGIH	TLV	TWA: 10 mg/m ³ 8 hours.
	OSHA	PEL	TWA: 15 mg/m ³ 8 hours. Form: Total dust.
Limestone	OSHA	PEL	TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction. TWA: 15 mg/m ³ 8 hours. Form: Total dust.
	NIOSH	REL	TWA: 5 mg/m ³ 10 hours. Form: Respirable fraction. TWA: 10 mg/m ³ 10 hours. Form: Total dust.
Talc	ACGIH	TLV	TWA: 2mg/m ³ 8 hours. Form: Respirable fraction.
	NIOSH	REL	TWA: 2 mg/m ³ 10 hours. Form: Respirable fraction.
Zinc Oxide	NIOSH	REL	CEIL: 15 mg/m ³ Form: Dust. TWA: 5 mg/m ³ 10 hours. Form: Dust and fumes. STEL: 10 mg/m ³ 15 minutes. Form: Fertilizer and/or industrial use.
	OSHA	PEL	TWA: 5 mg/m ³ 8 hours. Form: Fertilizer and/or industrial use. TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction. TWA: 15 mg/m ³ 8 hours. Form: Total dust.
Diuron	ACGIH	TLV	TWA: 10 mg/m ³ 8 hours.
	NIOSH	REL	TWA: 10 mg/m ³ 10 hours.
Cellulose, 2-Hydroxyethyl Ether	N/A	N/A	N/A
Carbendazim	N/A	N/A	N/A

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this Safety Data Sheet.

** The hazards of the listed Titanium Dioxide are for its powder unbound form. When the chemical is used in applications such as textures or coatings, the chemical becomes bound and are not in its hazardous form.

Engineering Measures: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental Exposure Controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

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.
Personal Protective Equipment:	<p>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.</p> <p>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.</p> <p>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.</p> <p>Skin and 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. 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.</p>

SECTION 9**PHYSICAL AND CHEMICAL PROPERTIES**

Physical State:	Liquid (Gritty Viscous)	Flammability:	N/A
Color:	White	Explosive Limits:	N/A
Odor:	Slight Ammonia	Vapor Pressure:	N/A
Odor Threshold:	N/A	Vapor Density:	N/A
pH:	N/A	Relative Density:	1.223
Melting Point:	N/A	Solubility:	100%
Freezing Point:	N/A	Partition Coefficient:	N/A
Boiling Point/Range:	100°C (212°F)	Decomposition Temp:	N/A
Flash Point:	N/A	Viscosity:	Dynamic: 754 mPa·s (754 cP)
Evaporation Rate:	N/A	VOC Content:	48.9 g/l

SECTION 10**STABILITY AND REACTIVITY**

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability:	The product is chemically stable.
Possibility of Hazardous Reactions:	Stable under recommended storage conditions.
Conditions to Avoid:	No specific data.

Incompatible Materials: Reactive or incompatible with oxidizing materials.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11**TOXICOLOGICAL INFORMATION****Acute Toxicity**

Ingredient Name	Result	Species	Dose/Exposure
Diuron	LD ₅₀ Dermal	Rat	>5.00 g/kg
	LD ₅₀ Oral	Rat	1.00 g/kg
Carbendzim	LD ₅₀ Dermal	Rabbit	8,500 mg/kg
	LD ₅₀ Dermal	Rat	2.00 g/kg
	LD ₅₀ Oral	Rat	>5,050 mg/kg

Irritation:

Ingredient Name	Result	Species	Exposure
Talc	Skin – Mild Irritant	Human	72 Hours; 300 µg Intermittent

Carcinogenicity:

Ingredient Name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-
Talc	-	3	-

Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.

Specific Target Organ Toxicity:**Single Exposure**

Ingredient Name	Category	Target Organs
Cellulose, 2-Hydroxyethyl Ether	3	Respiratory tract irritation.

Repeated Exposure

Ingredient Name	Category	Target Organs
Diuron	2	Not determined.

Likely Routes of Exposure: Dermal and eye contact. Inhalation and ingestion.

Other Information: There are no known significant health effects or critical hazards at the effective release date of this Safety Data Sheet.

SECTION 12**ECOLOGICAL INFORMATION****Toxicity Data**

Ingredient Name	Species	Test Results	Exposure
Titanium Dioxide	Fish - <i>Fundulus heteroclitus</i>	Acute LC50 >1,000,000 µg/L Marine water	96 Hours
Zinc Oxide	Algae - <i>Skeletonema costatum</i>	Acute IC50 1.85 mg/L Marine water	96 Hours
	Algae - <i>Pseudokirchneriella subcapitata</i> - Exponential growth phase	Acute IC50 46 µg/L Fresh water	72 Hours
	Daphnia - <i>Daphnia magna</i> - Neonate	Acute LC50 98 µg/L Fresh water	48 Hours
	Fish - <i>Oncorhynchus mykiss</i>	Acute LC50 1.1 ppm Fresh water	96 Hours
Diuron	Algae - <i>Coccolithus huxleyi</i> - Exponential growth phase	Acute EC50 2.26 µg/L Marine water	72 Hours
	Algae - <i>Pseudokirchneriella subcapitata</i>	Acute EC50 0.0007 mg/L Fresh water	96 Hours
	Aquatic plants - <i>Lemna sp.</i>	Acute EC50 0.005 mg/L Fresh water	96 Hours
	Daphnia - <i>Daphnia magna</i>	Acute EC50 8.4 ppm Fresh water	48 Hours

	Aquatic plants - <i>Halodule uninervis</i> Crustaceans - <i>Gammarus lacustris</i> Fish - <i>Morone saxatilis</i> - Larvae Algae - <i>Fragilaria capucina</i> - Exponential growth phase Aquatic plants - <i>Zostera muelleri</i> Fish - <i>Pimephales promelas</i>	Acute IC50 2.41 µg/L Marine water Acute LC50 380 µg/L Fresh water Acute LC50 500 µg/L Fresh water Chronic EC100.11 µg/L Fresh water Chronic NOEC 0.34 µg/L Marine water Chronic NOEC 26.4 ppb	72 Hours 48 Hours 96 Hours 96 Hours 72 Hours 60 Days
Carbendazim	Algae - <i>Scenedesmus acutus var. acutus</i> Daphnia - <i>Daphnia magna</i> Crustaceans - <i>Gammarus pulex</i> - Juvenile (Fledgling, Hatchling, Weanling) Fish - <i>Ictalurus punctatus</i> - Yolk-sac fry Crustaceans - <i>Gammarus pulex</i> - Adult Daphnia - <i>Daphnia magna</i>	Acute EC50 19.0562 mg/L Fresh water Acute EC50 20 µg/L Fresh water Acute LC50 77 µg/L Fresh water Acute LC50 7 µg/L Fresh water Chronic EC10 10 µg/L Fresh water Chronic NOEC 3.1 ppb Fresh water	96 Hours 48 Hours 48 Hours 96 Hours 21 Days 21 Days

Bioaccumulative Potential

Ingredient Name	LogP _{ow}	BCF	Potential
Zinc Oxide	-	28,960	High
Diuron	2.84	5.2	Low
Carbendazim	1.52	2.51	Low

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 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 empty 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.

SECTION 14**TRANSPORT INFORMATION**

	DOT Classification	IMDG	IATA
UN Number	UN3082	UN3082	UN3082
UN Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Zinc Oxide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Zinc Oxide). Marine pollutant (Zinc Oxide).	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Zinc Oxide)
Transport Hazard Class(es)	9 	9 	9
Packing Group	III	III	III
Environmental Hazards	Yes	Yes	Yes

AERG: 171

Additional Information:**DOT Classification**

Non-bulk packages of this product are not regulated as hazardous materials unless transported by inland waterway. This product is not regulated as a hazardous material when transported in sized of ≤ 5 L or ≤ 5 kg, provided the packaging meets the general provisions of §§ 173.24 and 173.24a.

IMDG

This product is not regulated as a dangerous good when transported in sizes of ≤ 5 L or ≤ 5 kg, provided the packaging meets the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

IATA

This product is not regulated as a dangerous good when transported in sizes of ≤ 5 L or ≤ 5 kg, provided the packaging meets the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

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.

SECTION 15**REGULATORY INFORMATION****U.S. Federal Regulations:**

TSCA Inventory (8b): Not Determined

Clean Water Act 307: Zinc Oxide; Ethylbenzene.

Clean Water Act 311: Disodium Hydrogen Orthophosphate; Formaldehyde; Acetaldehyde; Ethylbenzene; Diuron.

Clean Air Act:

This product does contain hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

DEA List I & II Chemicals:

This material does not contain any components within the DEA List I Chemicals (Precursor Chemicals) or the DEA List II Chemicals (Essential Chemicals).

SARA 302/304:

Ingredient Name	Percentage	EHS	SARA 320 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
Ethylene Oxide	≤ 0.001	Yes	1,000	-	10	-
Formaldehyde	≤ 0.00001	Yes	500	73.9	100	14.8

SARA 304 RQ:

89,533,530.3 lbs / 40,648,222.8 kg [1,010,171.6 gal / 3,823,915.6 L]

SARA 311/312:

Ingredient Name	Percentage	Classification
Titanium Dioxide	≥ 25.00 - ≤ 50.00	CARCINOGENICITY – Category 2
Cellulose, 2-Hydroxyethyl Ether	≥ 1.00 - ≤ 3.00	SKIN CORROSION/IRRITATION – Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION – Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory Tract Irritation) – Category 3

Classification:

CARCINOGENICITY – Category 2

SARA 313:

	Ingredient Name	CAS Number	Percentage
Form R- Reporting Requirements	Zinc Oxide	1314-13-2	≥1 - ≤3
Supplier Notification	Zinc Oxide	1314-13-2	≥1 - ≤3

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State Regulations:

State	Listed Component(s)
Massachusetts	Talc; Limestone; Zinc Oxide; Titanium Dioxide
New York	None of the components are listed
New Jersey	Talc; Respirable Crystalline Silica; Limestone; Zinc Oxide; Titanium Dioxide
Pennsylvania	Talc; Respirable Crystalline Silica; Limestone; Zinc Oxide; Titanium Dioxide

California Prop 65:

WARNING: This product can expose you to chemicals including Ethylene Oxide, which is known to the State of California to cause [cancer](#) and [birth defects or other reproductive harm](#). This product can expose you to chemicals including Titanium Dioxide, Respirable Crystalline Silica, Diuron, Diethanolamine, 1, 4-Dioxane, Formaldehyde, Acetaldehyde and Ethylbenzene, which are known to the State of California to cause [cancer](#). For more information, go to www.P65Warnings.ca.gov.

SECTION 16**OTHER INFORMATION****Procedure Used to Derive the Classification**

Classification	Justification
CARCINOGENICITY – Category 2	Calculation Method
AQUATIC HAZARD (ACUTE) – Category 2	Calculation Method
AQUATIC HAZARD (LONG-TERM) – Category 2	Calculation Method

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Further Information: This SDS was prepared in accordance with OSHA regulatory standards for Toxic and Hazardous Substances: 29 CFR 1910.1200.

Prepared By: KMK Regulatory Services Inc.

Disclaimer: To the best of our knowledge, the information contained herein is accurate. However Anvil Paints & Coatings, Inc. does not assume 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 handled with care. Although Anvil Paints & Coatings, Inc. has described herein all of the hazards to which we are currently aware, we cannot guarantee that these are the only hazards which exist.