

# Safety Data Sheet



according to OSHA Hazard Communication  
29 CFR Part 1910.1200

## Section 1. Identification

**Product Information:** 22A-E001

**Product Name:** Gorilla Black Hi-Performance Acrylic Zone Marking Paint

**Recommended Use:** Liquid Paint

**Application Method:** See Product Data Sheet

**Supplied by:** Aexcel Corporation  
7373 Production Drive.  
Mentor, OH 44060

**Emergency Telephone:** Chemtrec: 800-424-9300

**Safety Data Sheet Coordinator:** IWebb@AexcelCorp.com

## Section 2. Hazard(s) identification

**EMERGENCY OVERVIEW:** Flammable liquid and vapor.

### GHS Classification

Asp. Tox. 1, Eye Irrit. 2A, Flam. Liq. 2, Repr. 2, Skin Irrit. 2, STOT RE 2, STOT SE 3 NE

### Symbol(s) of Product



### Signal Word

Danger

### Possible Hazards

33% of the mixture consists of ingredients of unknown acute toxicity

### GHS HAZARD STATEMENTS

STOT, repeated exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.
STOT, single exposure, category 3, NE	H336	May cause drowsiness or dizziness.
Skin Irritation, category 2	H315	Causes skin irritation.
Flammable Liquid, category 2	H225	Highly flammable liquid and vapour.
Aspiration Hazard, category 1	H304	May be fatal if swallowed and enters airways.
Reproductive Toxicity, category 2	H361	Suspected of damaging fertility or the unborn child.
Eye Irritation, category 2A	H319	Causes serious eye irritation.

### GHS LABEL PRECAUTIONARY STATEMENTS

P501	Dispose of contents/container in accordance with local rules and regulations.
P405	Store locked up.
P331	Do NOT induce vomiting.
P321	Specific treatment (see on this label).
P281	Use personal protective equipment as required.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

P271	Use only outdoors or in a well-ventilated area.
P264	Wash thoroughly after handling.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P370+P378	In case of fire: Use dry chemical, carbon dioxide, or foam to extinguish.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P302+P352	IF ON SKIN: Wash with plenty of water.
P312	Call a POISON CENTER/doctor if you feel unwell.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P201	Obtain special instructions before use.
P403+P235	Store in a well-ventilated place. Keep cool.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P337+P313	If eye irritation persists: Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P308+P313	IF exposed or concerned: Get medical advice/attention.

**GHS SDS PRECAUTIONARY STATEMENTS**

P243	Take precautionary measures against static discharge.
P242	Use only non-sparking tools.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P240	Ground/bond container and receiving equipment.
P363	Wash contaminated clothing before reuse.

**Section 3. Composition/Information on ingredients**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
TOLUENE	108-88-3	10-25	GHS07-GHS08	H304-315-319-336-361-373
ACETONE	67-64-1	2.5-10	GHS07	H320-335-336
ETHYL BENZENE	100-41-4	0.1-1.0	GHS02-GHS07-GHS08	H225-320-332-351-372

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

**Section 4. First-aid measures**

**FIRST AID - INHALATION:** Move to fresh air in case of accidental inhalation of vapors or decomposition products. Move to fresh air. Oxygen or artificial respiration if needed.

**FIRST AID - SKIN CONTACT:** If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

**FIRST AID - EYE CONTACT:** Rinse with plenty of water.

**FIRST AID - INGESTION:** Consult a physician. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

**Section 5. Fire-fighting measures**

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Remove all sources of ignition.

**SPECIAL FIREFIGHTING PROCEDURES:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**EXTINGUISHING MEDIA:** Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam

## Section 6. Accidental release measures

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Soak up with inert absorbent material and dispose of as hazardous waste.

## Section 7. Handling and storage



**HANDLING:** Handle in accordance with good industrial hygiene and safety practice. Containers of this material may be hazardous when emptied.

**STORAGE:** Harmful - Store away from foodstuffs. Keep containers tightly closed. Keep in a well-ventilated place. Keep locked-up. For Industrial Use Only

## Section 8. Exposure controls/personal protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
TOLUENE	50	150	200	300
ACETONE	500	750	1000	NE
ETHYL BENZENE	100	125	100	NE

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

### Personal Protection



**RESPIRATORY PROTECTION:** In the case of respirable dust and/or fumes, use self-contained breathing apparatus.



**SKIN PROTECTION:** Impervious gloves.



**EYE PROTECTION:** Safety glasses with side-shields.



**OTHER PROTECTIVE EQUIPMENT:** Impervious clothing.



**HYGIENIC PRACTICES:** Contaminated work clothing should not be allowed out of the workplace. General industrial hygiene practice. Keep working clothes separately.

## Section 9. Physical and Chemical Properties

<b>Boiling Range:</b>	133 - 485	<b>Vapor Density:</b>	3.70
<b>Odor:</b>	Characteristic	<b>Odor Threshold:</b>	NE
<b>Appearance:</b>	Heavy Liquid	<b>Evaporation Rate:</b>	14.40
<b>Solubility in Water:</b>	NE	<b>Specific Gravity:</b>	1.284
<b>Freeze Point:</b>	NE	<b>pH:</b>	NE
<b>Vapor Pressure:</b>	226.00	<b>Viscosity:</b>	NE
<b>Physical State:</b>	Liquid	<b>Flash Point, °C:</b>	-20, °F -4

(See section 16 for abbreviation legend)

<u>CHEMICAL NAME</u>	<u>VAPOR DENSITY</u>	<u>EVAPORATION RATE</u>	<u>BOILING POINT</u>	<u>VP mmHg</u>	<u>at DEG. F</u>
TOLUENE	3.20	2.00	231	16.70	68
ACETONE	2.00	14.40	133	226.00	68
ETHYL BENZENE	3.70	0.70	279	7.00	68

## Section 10. Stability and reactivity

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Avoid contact with skin, eyes and clothing.

**INCOMPATIBILITY:** Keep away from strong oxidizing agents, heat and open flames.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide, Carbon Dioxide

## Section 11. Toxicological information



### Practical Experiences

**EFFECT OF OVEREXPOSURE - INHALATION:** Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** Direct eye contact may cause irritation.

**EFFECT OF OVEREXPOSURE - INGESTION:** Harmful: may cause lung damage if swallowed.

**CARCINOGENICITY:** No Information

### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Name according to EEC</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
108-88-3	TOLUENE	5580	12196	12500
67-64-1	ACETONE	N.I.	N.I.	N.I.
100-41-4	ETHYL BENZENE	3500	17800	N.I.

N.I. - No Information

## Section 12. Ecological information

**ECOLOGICAL INFORMATION:** Do not contaminate ponds, waterways or ditches with chemical or used container.

## Section 13. Disposal considerations



Product

**DISPOSAL METHOD:** Contact waste disposal services. Dispose of in accordance with all local, state and federal regulations.

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Soak up with inert absorbent material and dispose of as hazardous waste.

## Section 14. Transport information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

**DOT Proper Shipping** Paint, Flammable Liquid

**DOT Technical Name:** Paint

**DOT Hazard Class:** 3

**DOT UN/NA Number:** 1263

**Packing Group:** II

**Hazard SubClass:** No Information

**Resp. Guide Page:** 128

## Section 15. Regulatory information

### U.S. Federal Regulations:

#### CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Flammable (gases, aerosols, liquids, or solids), Reproductive toxicity, Skin Corrosion or Irritation, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure), Aspiration Hazard

#### SARA SECTION 312:

<u>Chemical Name</u>	<u>CAS-No.</u>
TOLUENE	108-88-3
ACETONE	67-64-1
ETHYL BENZENE	100-41-4

#### SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
TOLUENE	108-88-3
m-XYLENE	108-38-3
p-XYLENE	106-42-3
ETHYL BENZENE	100-41-4
o-XYLENE	95-47-6
CUMENE	98-82-8

#### TOXIC SUBSTANCES CONTROL ACT:

All components of this material are listed on the US Toxic Substance Control Act (TSCA inventory).

### U.S. State Regulations:

#### NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS-No.</u>
LIMESTONE	1317-65-3
BUTYL METHACRYLATE COPOLYMER	28262-63-7
HYDRATED MAGNESIUM SILICATE	14807-96-6

**PENNSYLVANIA RIGHT-TO-KNOW**

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS-No.</u>
LIMESTONE	1317-65-3
BUTYL METHACRYLATE COPOLYMER	28262-63-7
HYDRATED MAGNESIUM SILICATE	14807-96-6
WOLLASTONITE (CALCIUM METASILICATE)	13983-17-0

**CALIFORNIA PROPOSITION 65 CARCINOGENS****WARNING**

The following ingredients present in the product are known to the state of California to cause Cancer:

<u>Chemical Name</u>	<u>CAS-No.</u>
ETHYL BENZENE	100-41-4
CUMENE	98-82-8

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

<u>Chemical Name</u>	<u>CAS-No.</u>
TOLUENE	108-88-3

**International Regulations: As follows -****CANADIAN WHMIS:**

All components of this material are listed on the Domestic Substance List.

**WHMIS Class:** No Information

**Section 16. Other information, including date of preparation of the last revision**

**Revision Date:** 11/23/2020 **Supersedes Date:** 11/23/2020

**Reason for revision:** Substance and/or Product Properties Changed in Section(s):  
15 - Regulatory Information  
Revision Statement(s) Changed

**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

<b>Health:</b>	2	<b>Flammability:</b>	3	<b>Reactivity:</b>	0	<b>Personal Protection:</b>	X
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**Volatile Organic Compounds, gr/ltr:** 391

**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

H320	Causes eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

GHS02



GHS07



GHS08



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

No Information