Safety Data Sheet
according to OSHA Hazard Communication
29 CFR Part 1910.1200

Section 1. Identification

Product Information: 22W-E008
Product Name: Gorilla White Hi-Performance Zone Marking Paint
Recommended Use: Liquid Paint
Application Method: Liquid Surface Paint
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
Eye Irrit. 2, Flam. Liq. 2, Repr. 2, STOT RE 2, STOT SE 3 NE, Skin Irrit. 2

Symbol(s) of Product

Danger

GHS HAZARD STATEMENTS
Flammable Liquid, category 2 H225 Highly flammable liquid and vapour.
Skin Irritation, category 2 H315 Causes skin irritation.
Eye Irritation, category 2 H319 Causes serious eye irritation.
STOT, single exposure, category 3, NE H336 May cause drowsiness or dizziness.
Reproductive Toxicity, category 2 H361 Suspected of damaging fertility or the unborn child.
STOT, repeated exposure, category 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS LABEL PRECAUTIONARY STATEMENTS
P201 Obtain special instructions before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P281 Use personal protective equipment as required.
P302+P352 IF ON SKIN: Wash with plenty of water.
Section 3. Composition/Information on ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Wt. %</th>
<th>GHS Symbols</th>
<th>GHS Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>25-50</td>
<td>GHS02-GHS07-GHS08</td>
<td>H225-304-315-319-336-361-373</td>
</tr>
<tr>
<td>ACETONE</td>
<td>67-64-1</td>
<td>2.5-10</td>
<td>GHS02-GHS07</td>
<td>H225-320-335-336</td>
</tr>
</tbody>
</table>

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


Section 8. Exposure controls/personal protection

Ingredients with Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV-TWA</th>
<th>ACGIH-TLV STEL</th>
<th>OSHA PEL-TWA</th>
<th>OSHA PEL-CEILING</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE</td>
<td>50</td>
<td>150</td>
<td>200</td>
<td>300</td>
</tr>
<tr>
<td>ACETONE</td>
<td>500</td>
<td>750</td>
<td>1000</td>
<td>NE</td>
</tr>
</tbody>
</table>

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 in a closed area, 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. Keep working clothes separately.
9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Range</td>
<td>56 - 485</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Appearance</td>
<td>Heavy White Liquid</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>NE</td>
</tr>
<tr>
<td>Freeze Point</td>
<td>NE</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>226.00</td>
</tr>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>3.20</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>NE</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>14.40</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.244</td>
</tr>
<tr>
<td>pH</td>
<td>NE</td>
</tr>
<tr>
<td>Viscosity</td>
<td>NE</td>
</tr>
<tr>
<td>Flash Point, °C</td>
<td>-20, °F -4</td>
</tr>
</tbody>
</table>

(See section 16 for abbreviation legend)

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>VAPOR DENSITY</th>
<th>EVAPORATION RATE</th>
<th>BOILING POINT</th>
<th>VP mmHg</th>
<th>at DEG. F</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE</td>
<td>3.20</td>
<td>2.00</td>
<td>233</td>
<td>16.70</td>
<td>68</td>
</tr>
<tr>
<td>ACETONE</td>
<td>2.00</td>
<td>14.40</td>
<td>133</td>
<td>226.00</td>
<td>68</td>
</tr>
</tbody>
</table>

Section 10. Stability and reactivity

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist.

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.

Acute Toxicity Values

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

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Name according to EEC</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Vapor LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-88-3</td>
<td>TOLUENE</td>
<td>5580</td>
<td>12196</td>
<td>12500</td>
</tr>
<tr>
<td>67-64-1</td>
<td>ACETONE</td>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
</tbody>
</table>

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

**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

<table>
<thead>
<tr>
<th>DOT Proper Shipping</th>
<th>Paint, Flammable Liquid</th>
<th>Packing Group:</th>
<th>II</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT Technical Name:</td>
<td>Paint</td>
<td>Hazard SubClass:</td>
<td>No Information</td>
</tr>
<tr>
<td>DOT UN/NA Number:</td>
<td>1263</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

**SARA SECTION 312:**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
</tr>
<tr>
<td>ACETONE</td>
<td>67-64-1</td>
</tr>
<tr>
<td>DIISONONYL PHTHALATE</td>
<td>28553-12-0</td>
</tr>
</tbody>
</table>

**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:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTYL METHACRYLATE COPOLYMER</td>
<td>28262-63-7</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>13463-67-7</td>
</tr>
<tr>
<td>CALCIUM CARBONATE</td>
<td>1317-65-3</td>
</tr>
</tbody>
</table>
PENNSYLVANIA RIGHT-TO-KNOW

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

**Chemical Name** | **CAS-No.**
--- | ---
BUTYL METHACRYLATE COPOLYMER | 28262-63-7
TITANIUM DIOXIDE | 13463-67-7
CALCIUM CARBONATE | 1317-65-3
WOLLASTONITE (CALCIUM METASILICATE) | 13983-17-0
HYDROUS MAGNESIUM SILICATE | 14807-96-6

CALIFORNIA PROPOSITION 65 CARCINOGENS

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

No Proposition 65 Carcinogens exist in this product.

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

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

**Chemical Name** | **CAS-No.**
--- | ---
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:** 8/5/2015  |  **Supercedes Date:** New MSDS
**Reason for revision:** GHS  |  **Datasheet produced by:** Regulatory Department
**HMIS Ratings:**

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

**Volatile Organic Compounds, gr/ltr:** 417

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
- **H335** May cause respiratory irritation.
- **H336** May cause drowsiness or dizziness.
- **H361** Suspected of damaging fertility or the unborn child.
- **H373** May cause damage to organs through prolonged or repeated exposure.

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

GHS02
Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

No Information