1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier
Product name
AXIS AAP-851-3 PAINTABLE RUBBERIZED UNDERCOAT

Recommended use of the chemical
and restrictions on use.

Product code
F00184

Product Type
Extremely Flammable Aerosol

Synonyms
None

Supplier's details

Recommended Use
Undercoating.

Uses advised against
No information available

Manufactured For:
Vogel Automotive Coatings
1020 Albany Place SE
Orange City, IA 51041

Emergency telephone number

Chemical Emergency Phone Number
CHEMTREC: 1-800-424-9300

Company Emergency Phone Number
712-737-4993
2. HAZARDS IDENTIFICATION

Classification

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>2A</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>2</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td></td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>3</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>2</td>
</tr>
<tr>
<td>Aspiration toxicity</td>
<td>1</td>
</tr>
<tr>
<td>Flammable aerosols</td>
<td></td>
</tr>
<tr>
<td>Gases under pressure</td>
<td>Compressed Gas</td>
</tr>
</tbody>
</table>

GHS Label elements, including precautionary statements

Emergency Overview

DANGER

Hazard Statements
Causes serious eye irritation
Suspected of causing cancer.
Suspected of damaging fertility or the unborn child
May cause respiratory irritation. May cause drowsiness or dizziness.
May cause damage to organs (Central Nervous System, Eyes, Skin, Respiratory System, Liver, and Kidney) through prolonged or repeated exposure.
May be fatal if swallowed and enters airways
Extremely Flammable Aerosol
Contains gas under pressure; may explode if heated

Appearance Opaque

Physical state Aerosol

Odor Solvent

Precautionary Statements - Prevention
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood
Wear protective gloves/eye protection/face protection/protective clothing
Wash face, hands and any exposed skin thoroughly after handling.
Do not breathe dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area
Keep away from heat/sparks/open flames/hot surfaces.-No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response
If exposed or concerned: Get medical advice/attention.
IF IN EYES:Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %*</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM CARBONATE</td>
<td>1317-65-3</td>
<td>30-40</td>
</tr>
<tr>
<td>PROPANE/ISOBUTANE/N-BUTANE</td>
<td>68476-86-8</td>
<td>10-20</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>10-20</td>
</tr>
<tr>
<td>METHYL ACETATE</td>
<td>79-20-9</td>
<td>10-20</td>
</tr>
<tr>
<td>ACETONE</td>
<td>67-64-1</td>
<td>1-10</td>
</tr>
<tr>
<td>METHANOL</td>
<td>67-56-1</td>
<td>0.1-1.0</td>
</tr>
<tr>
<td>XYLENE</td>
<td>1330-20-7</td>
<td>0.1-1.0</td>
</tr>
<tr>
<td>CARBON BLACK</td>
<td>1333-86-4</td>
<td>0.1-1.0</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE</td>
<td>14808-60-7</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>ETHYL BENZENE</td>
<td>100-41-4</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>BENZENE</td>
<td>71-43-2</td>
<td>&lt;0.1</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures for different exposure routes

General advice
Avoid contact with eyes, skin, and clothing. Avoid breathing vapors, mist, or gas.

Eye contact
Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue flushing. If symptoms persist, call a physician.

Skin contact
Rinse immediately with plenty of water for 15 minutes and seek medical advice if skin irritation persists.

Inhalation
Move to fresh air. If breathing is difficult, give oxygen. Artificial respiration and/or oxygen may be necessary. If breathing has stopped, contact emergency medical services immediately.
Ingestion

Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.

Most important symptoms/effects, acute and delayed

Main Symptoms
Causes eye irritation. May cause skin or respiratory irritation. Harmful and may be fatal if swallowed and enters airways.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician
Treat symptomatically.

---

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Water Fog, Carbon Dioxide (CO2), Foam, Dry Chemical. Cool containers / tanks with water spray.

Unsuitable Extinguishing Media
Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical
Extremely Flammable / Flammable. Keep product and empty container away from heat and sources of ignition.

Explosion Data
Sensitivity to Static Discharge: Yes.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect fire-fighters from bursting containers.

---

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Use with adequate ventilation to keep the exposure levels below the OELS.

Environmental precautions

Environmental precautions
Vapors can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Should not be released into the environment. Report spills as required by local and federal regulations.

Methods and materials for containment and cleaning up

Methods for Containment
Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
Use personal protective equipment. Dam up. Cover liquid spill with sand, earth, or other noncombustible absorbent material. Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly.

---

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling
Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. Avoid skin contact. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces.
Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions
Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces, and sources of ignition. Keep in properly labeled containers. Keep out of the reach of children. Store locked up.

Incompatible products
Strong acids, alkalis, oxidizing agents.

Aerosol Level
1

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM CARBONATE 1317-65-3</td>
<td>-</td>
<td>TWA: 15 mg/m³ total dust (vacated) TWA: 5 mg/m³ respirable fraction (vacated) TWA: 5 mg/m³ total dust respirable fraction</td>
<td>TWA: 10 mg/m³ total dust</td>
</tr>
<tr>
<td>TOLUENE 108-88-3</td>
<td>TWA: 20 ppm</td>
<td>TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 760 mg/m³ Ceiling: 300 ppm</td>
<td>IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m³ STEL: 150 ppm STEL: 560 mg/m³</td>
</tr>
<tr>
<td>METHYL ACETATE 79-20-9</td>
<td>STEL: 250 ppm TWA: 200 ppm</td>
<td>TWA: 200 ppm (vacated) TWA: 200 ppm (vacated) TWA: 610 mg/m³ (vacated) STEL: 250 ppm (vacated) STEL: 760 mg/m³</td>
<td>IDLH: 3100 ppm TWA: 200 ppm TWA: 1000 ppm TWA: 1800 mg/m³ 106-97-8: TWA: 800 ppm TWA: 1900 mg/m³ STEL: 250 ppm STEL: 760 mg/m³</td>
</tr>
<tr>
<td>ACETONE 67-64-1</td>
<td>STEL: 500 ppm TWA: 250 ppm</td>
<td>TWA: 1000 ppm TWA: 2400 mg/m³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m³ (vacated) STEL: 2400 mg/m³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm</td>
<td>IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m³</td>
</tr>
<tr>
<td>METHANOL 67-56-1</td>
<td>STEL: 250 ppm TWA: 200 ppm Skin - potential significant contribution to overall exposure by the cutaneous route</td>
<td>TWA: 200 ppm (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m³ (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m³ (vacated) S*</td>
<td>IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m³ STEL: 250 ppm STEL: 325 mg/m³</td>
</tr>
<tr>
<td>Substance</td>
<td>STEL:</td>
<td>TWA:</td>
<td>Not Established</td>
</tr>
<tr>
<td>---------------------------</td>
<td>----------------</td>
<td>------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>XYLENE</td>
<td>150 ppm</td>
<td>100 ppm</td>
<td></td>
</tr>
<tr>
<td>CARBON BLACK</td>
<td>TWA: 3 mg/m³</td>
<td>TWA: 3.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE</td>
<td>TWA: 0.025 mg/m³</td>
<td>TWA: 0.1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>ETHYL BENZENE</td>
<td>TWA: 20 ppm</td>
<td>TWA: 100 ppm</td>
<td>TWA: 100 ppm</td>
</tr>
<tr>
<td>BENZENE</td>
<td>STEL: 2.5 ppm</td>
<td>TWA: 0.5 ppm</td>
<td>TWA: 10 ppm</td>
</tr>
</tbody>
</table>

### Engineering Controls

- **Showers, eyewash stations, and ventilation systems.**

### Individual Protection Measures, such as personal protective equipment

- **Eye/Face Protection**: Safety glasses with side-shields.
- **Skin and body protection**: Chemical resistant apron. Protective gloves.
- **Respiratory protection**: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

### Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### Exposures to Chemicals

- **Ethyl Benzene**: TWA: 20 ppm

### Chemical and Physical Properties

- **Ethyl Benzene**: TWA: 20 ppm

### ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

NIOSH IDLH: Immediately Dangerous to Life or Health

**Respiratory Protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
Physical and chemical properties

Physical state: Aerosol
Appearance: Opaque
Color: Black
Odor: Solvent
Odor Threshold: None

Property | Values | Remarks • Methods
---|---|---
pH | No information available |  
Melting/freezing point | No information available |  
Boiling point/boiling range | No information available |  
Flash Point | -104.4 °C / -156 °F | Based on propellant
Evaporation rate | No information available |  
Flammability (solid, gas) | No information available |  
Flammability Limits in Air |  
Vapor pressure | No information available |  
Vapor density | No information available |  
Specific Gravity | 1.128 |  
Water solubility | Practically insoluble |  
Partition coefficient: n-octanol/water |  
Autoignition temperature | No information available | Not applicable
Decomposition temperature | No information available |  
Viscosity | No information available |  
Explosive properties |  

Other information

VOC Content(%) | 37.45 |  

10. STABILITY AND REACTIVITY

Reactivity
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
None under normal processing.

Conditions to Avoid
Extremes of temperature and direct sunlight.

Incompatible Materials
Strong acids, alkalis, oxidizing agents.

Hazardous Decomposition Products
Carbon oxides, Hydrocarbons, Fumes.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation
Exposure to high vapour concentrations may cause nervous systems effects such as headache, nausea, and dizziness. May cause respiratory tract irritation.

Eye contact
Irritating to eyes.
**Skin contact**  
May be irritating to skin. Prolonged skin contact may defat the skin and produce dermatitis.

**Ingestion**  
Harmful and may be fatal if swallowed and enters airways.

### Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral (mg/kg)</th>
<th>LD50 Dermal (mg/kg)</th>
<th>LC50 Inhalation (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPANE/ISOBUTANE/N-BUTANE (68476-86-8)</td>
<td></td>
<td></td>
<td>31 (Rat) 4 hr</td>
</tr>
<tr>
<td>TOLUENE (108-88-3)</td>
<td>2600 (Rat)</td>
<td>12000 (Rabbit)</td>
<td>12.5 (Rat) 4 hr</td>
</tr>
<tr>
<td>METHYL ACETATE (79-20-9)</td>
<td>&gt; 5 (Rat)</td>
<td>&gt; 5 (Rabbit)</td>
<td>16000 (Rat) 4 h</td>
</tr>
<tr>
<td>ACETONE (67-64-1)</td>
<td>5800 (Rat)</td>
<td>-</td>
<td>50100 (Rat) 8 h</td>
</tr>
<tr>
<td>METHANOL (67-56-1)</td>
<td>6200 (Rat)</td>
<td>-</td>
<td>22500 (Rat) 8 h</td>
</tr>
<tr>
<td>XYLENE (1330-20-7)</td>
<td>3500 (Rat)</td>
<td>4350 (Rabbit)</td>
<td>29.08 (Rat) 4 h</td>
</tr>
<tr>
<td>CARBON BLACK (1333-86-4)</td>
<td>&gt; 15400 (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE (14808-60-7)</td>
<td>500 (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>ETHYL BENZENE (100-41-4)</td>
<td>3500 (Rat)</td>
<td>15400 (Rabbit)</td>
<td>17.2 (Rat) 4 h</td>
</tr>
<tr>
<td>BENZENE (71-43-2)</td>
<td>810 (Rat)</td>
<td>&gt; 8200 (Rabbit)</td>
<td>44.66 (Rat) 4 h</td>
</tr>
</tbody>
</table>

### Information on toxicological effects

#### Symptoms
Causes eye irritation. May cause skin and respiratory irritation. Harmful and may be fatal if swallowed and enters airways.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Skin corrosion/irritation
May be irritating to skin.

#### Eye damage/irritation
Irritating to eyes.

#### Irritation
Causes eye irritation. May cause skin and respiratory irritation.

#### Sensitization
No information available.

#### Germ Cell Mutagenicity
Not a germ cell mutagen.

#### Carcinogenicity

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE (108-88-3)</td>
<td></td>
<td>Group 3</td>
<td></td>
<td>-</td>
</tr>
<tr>
<td>XYLENE (1330-20-7)</td>
<td></td>
<td>Group 3</td>
<td></td>
<td>-</td>
</tr>
<tr>
<td>CARBON BLACK (1333-86-4)</td>
<td>A3</td>
<td>Group 2B</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE (14808-60-7)</td>
<td>A2</td>
<td>Group 1</td>
<td>Known</td>
<td>X</td>
</tr>
<tr>
<td>ETHYL BENZENE (100-41-4)</td>
<td>A3</td>
<td>Group 2B</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>BENZENE (71-43-2)</td>
<td>A1</td>
<td>Group 1</td>
<td>Known</td>
<td>X</td>
</tr>
</tbody>
</table>

ACGIH: (American Conference of Governmental Industrial Hygienists)

- A3 - Animal Carcinogen
- A2 - Suspected Human Carcinogen
**IARC: (International Agency for Research on Cancer)**
- Group 3 - Not Classifiable as to Carcinogenicity in Humans
- Group 2B - Possibly Carcinogenic to Humans
- Group 1 - Carcinogenic to Humans

**OSHA: (Occupational Safety & Health Administration)**
- X - Present

**Reproductive toxicity**
- Contains ingredients that are suspected reproductive hazards.
- May cause respiratory irritation. May cause drowsiness and dizziness.

**Specific target organ systemic toxicity (single exposure)**
- May cause damage to target organs listed below through prolonged or repeated exposure.

**Specific target organ systemic toxicity (repeated exposure)**
- Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest.

**Chronic toxicity**
- Central Nervous System, Eyes, Skin, Respiratory System, and Kidney.
- Aspiration hazard
- May be fatal if swallowed and enters airways.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity**
- 0.0000382% of the mixture consists of ingredient(s) of unknown toxicity.

**The following values are calculated based on chapter 3.1 of the GHS document**.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to microorganisms</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPANE/ISOBUTANE/N-BUTANE 68476-86-8</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>TOLUENE 108-88-3</td>
<td>433 mg/L EC50 Pseudokirchneriella subcapitata 96h 12.5 mg/L EC50 Pseudokirchneriella subcapitata 72h static</td>
<td>15.22 - 19.05 mg/L LC50 Pimephales promelas 96h flow-through 12.6 mg/L LC50 Pimephales promelas 96h static 5.89 - 7.81 mg/L LC50 Oncorhynchus mykiss 96h flow-through 14.1 - 17.16 mg/L LC50 Oncorhynchus mykiss 96h static 5.8 mg/L LC50 Oncorhynchus mykiss 96h semi-static 11.0 - 15.0 mg/L LC50 Lepomis macrochirus 96h static 54 mg/L LC50 Orzias latipes 96h static 28.2 mg/L LC50 Poecilia reticulata 96h static</td>
<td>-</td>
<td>5.46 - 9.83 mg/L EC50 Daphnia magna 48h Static 11.5 mg/L EC50 Daphnia magna 48h</td>
</tr>
<tr>
<td>METHYL ACETATE 79-20-9</td>
<td>120 mg/L EC50 Desmodesmus subspicatus 72h</td>
<td>295 - 348 mg/L LC50 Pimephales promelas 96h flow-through 250 - 350 mg/L LC50 Brachydanio rerio 96h static</td>
<td>-</td>
<td>1026.7 mg/L EC50 Daphnia magna 48h</td>
</tr>
<tr>
<td>ACETONE 67-64-1</td>
<td>-</td>
<td>4.74 - 6.33 mL/L LC50 Oncorhynchus mykiss 96h 6210 - 8120 mg/L LC50 Pimephales promelas 96h static 8300 mg/L LC50 Lepomis macrochirus 96h</td>
<td>-</td>
<td>10294 - 17704 mg/L EC50 Daphnia magna 48h Static 12600 - 12700 mg/L EC50 Daphnia magna 48h</td>
</tr>
</tbody>
</table>

**12. ECOLOGICAL INFORMATION**
<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EC50 or LC50</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>METHANOL</td>
<td>67-56-1</td>
<td>28200 mg/L LC50 Pimephales promelas 96h flow-through 100 mg/L LC50 Pimephales promelas 96h static 19500 - 20700 mg/L LC50 Oncorhynchus mykiss 96h flow-through 18 - 20 mL/L LC50 Oncorhynchus mykiss 96h static 13500 - 17600 mg/L LC50 Lepomis macrochirus 96h flow-through</td>
</tr>
<tr>
<td>XYLENE</td>
<td>1330-20-7</td>
<td>13.4 mg/L LC50 Pimephales promelas 96h flow-through 2.661 - 4.093 mg/L LC50 Oncorhynchus mykiss 96h static 13.5 - 17.3 mg/L LC50 Oncorhynchus mykiss 96h 13.1 - 16.5 mg/L LC50 Lepomis macrochirus 96h flow-through 19 mg/L LC50 Lepomis macrochirus 96h static 23.53 - 29.97 mg/L LC50 Pimephales promelas 96h static 780 mg/L LC50 Cyprinus carpio 96h semi-static 780 mg/L LC50 Cyprinus carpio 96h 30.26 - 40.75 mg/L LC50 Poecilia reticulata 96h static</td>
</tr>
<tr>
<td>ETHYL BENZENE</td>
<td>100-41-4</td>
<td>4.6 mg/L EC50 Pseudokirchneriella subcapitata 72h 438 mg/L EC50 Pseudokirchneriella subcapitata 96h 2.6 - 11.3 mg/L EC50 Pseudokirchneriella subcapitata 72h semi-static 1.7 - 7.6 mg/L EC50 Pseudokirchneriella subcapitata 96h static</td>
</tr>
<tr>
<td>BENZENE</td>
<td>71-43-2</td>
<td>29 mg/L EC50 Pseudokirchneriella subcapitata 72h 10.7 - 14.7 mg/L LC50 Pimephales promelas 96h flow-through 5.3 mg/L LC50 Oncorhynchus mykiss 96h flow-through 22.49 mg/L LC50 Lepomis macrochirus 96h static 28.6 mg/L LC50 Poecilia reticulata 96h static 22330 - 41160 µg/L LC50 Pimephales promelas 96h static 70000 - 142000 µg/L LC50 Lepomis macrochirus 96h static</td>
</tr>
</tbody>
</table>

Persistence and degradability

Bioaccumulation
F00184 - AXIS AAP-851-3 PAINTABLE RUBBERIZED UNDERCOAT

Revision Date 09-Feb-2018

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL/NDSL</th>
<th>EINECS/ELINC</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM CARBONATE</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>PROpane/ISOBUTANE/N-BUTANE</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>METHYL ACETATE</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>ACETONE</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>METHANOL</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>XYLENE</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>ETHYL BENZENE</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>BENZENE</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

### Other adverse effects
No information available

### 13. DISPOSAL CONSIDERATIONS

### Waste treatment

#### Waste Disposal Methods
This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with federal, state, and local regulations.

#### Contaminated packaging
Do not re-use empty containers.

### 14. TRANSPORT INFORMATION

#### DOT Ground
CONSUMER COMMODITY ORM-D
or
LIMITED QUANTITY

#### IATA
UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD.QTY.

#### IMDG
UN1950, AEROSOLS, 2.1, LTD. QTY.

### 15. REGULATORY INFORMATION

#### International Inventories
**Legend:**

- **TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- **EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
- **ENCS** - Japan Existing and New Chemical Substances
- **KECL** - Korean Existing and Evaluated Chemical Substances
- **PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- **AICS** - Australian Inventory of Chemical Substances

**U.S. Federal Regulations**

**SARA 313**
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE - 108-88-3</td>
<td>108-88-3</td>
<td>10-20</td>
<td>1.0</td>
</tr>
<tr>
<td>METHANOL - 67-56-1</td>
<td>67-56-1</td>
<td>0.1-1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>XYLENE - 1330-20-7</td>
<td>1330-20-7</td>
<td>0.1-1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>ETHYL BENZENE - 100-41-4</td>
<td>100-41-4</td>
<td>&lt;0.1</td>
<td>0.1</td>
</tr>
<tr>
<td>BENZENE - 71-43-2</td>
<td>71-43-2</td>
<td>&lt;0.1</td>
<td>0.1</td>
</tr>
</tbody>
</table>

**SARA 311/312 Hazard Categories**

- **Acute Health Hazard**: Yes
- **Chronic Health Star Hazard**: Yes
- **Fire Hazard**: Yes
- **Sudden Release of Pressure Hazard**: Yes
- **Reactive Hazard**: no

**Clean Water Act**
This product does contain the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE</td>
<td>1000 lb</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>108-88-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>XYLENE</td>
<td>100 lb</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1330-20-7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETHYL BENZENE</td>
<td>1000 lb</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>100-41-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BENZENE</td>
<td>10 lb</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>71-43-2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CERCLA**
This material, as supplied, does contain substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
</table>
# F00184 - AXIS AAP-851-3 PAINTABLE RUBBERIZED UNDERCOAT

## U.S. State Regulations

### California Proposition 65

This product contains the following Proposition 65 chemicals:

![Chemical hazards symbol]

This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE - 108-88-3</td>
<td>Developmental 10-20%</td>
</tr>
<tr>
<td>METHANOL - 67-56-1</td>
<td>Developmental 0.1-1.0 %</td>
</tr>
<tr>
<td>CARBON BLACK - 1333-86-4</td>
<td>Cancer 0.1-1.0 %</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE - 14808-60-7</td>
<td>Cancer &lt;0.1%</td>
</tr>
<tr>
<td>ETHYL BENZENE - 100-41-4</td>
<td>Cancer &lt;0.1%</td>
</tr>
<tr>
<td>BENZENE - 71-43-2</td>
<td>Cancer /Developmental &lt; 0.1%</td>
</tr>
</tbody>
</table>

### U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCULUM CARBONATE - 1317-65-3</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>TOLUENE - 108-88-3</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>METHYL ACETATE - 79-20-9</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>ACETONE - 67-64-1</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>METHANOL - 67-56-1</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>XYLENE - 1330-20-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>CARBON BLACK - 1333-86-4</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>SILICA, CRYSTALLINE - 14808-60-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>ETHYL BENZENE - 100-41-4</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>BENZENE - 71-43-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

**EPA Pesticide Registration Number** Not applicable
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

**WHMIS Hazard Class**
- A  Compressed gases
- B5  Flammable aerosol
- D2B  Toxic materials

### 16. OTHER INFORMATION

**NFPA**
- Health Hazard 2
- Flammability 4
- Instability 0
- Physical and chemical hazards

**HMIS**
- Health Hazard 2*
- Flammability 4
- Physical Hazard 1
- Personal protection B

**Chronic Hazard Star Legend**
- Chronic Health Star Hazard Repeated or prolonged exposure may cause central nervous system damage

**Prepared By**
- Regulatory Department

**Issuing date**
- 12-Jan-2016
- 09-Feb-2018

**Revision Date**

**Revision Note**

**Disclaimer**
The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

*End of Safety Data Sheet*