

#### Section 1 - Product and Company Identification

**Trade Name:** AcryliShield 3553 (All Versions)

**Product Code:** AcryliShield 3553

**Company:**

Wolverine Coatings Corporation  
5969 Highway 221  
Roebuck, SC 29376  
+1 (864) 587-3144

**Emergency Contact:**

ChemTel 24 Hr. US Emergency Number:  
+1 (800) 255-3924  
ChemTel 24 Hr. Worldwide Emergency Number:  
+1 (813) 248-0585

**Product Use:** Coatings

**Not recommended for:** None Identified

#### Section 2 - Hazards Identification

**GHS Ratings:**

Aquatic toxicity C3 Acute toxicity > 10.0 but <= 100.0 mg/l and lack of rapid degradability and log Kow >= 4 unless BCF < 500 and unless chronic toxicity > 1 mg/l

**GHS Hazards**

H412 Harmful to aquatic life with long lasting effects

**GHS Precautions**

P273 Avoid release to the environment  
P501 Dispose of contents/container in accordance with all local, regional, national, and international regulations.

**Signal Word:** Warning



#### Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Calcium Sulfate dihydrate	13397-24-5	10.00% - 20.00%
Chlorinated paraffin c22-30	63449-39-8	5.00% - 10.00%
2,2,4-Trimethyl-1,3-pentanediol monoisobutyrate	25265-77-4	5.00% - 10.00%
Titanium Dioxide	13463-67-7	5.00% - 10.00%
Antimony trioxide	1309-64-4	0.10% - 1.00%

#### Section 4 - First Aid Measures

**Inhalation:** If affected, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

**Eye Contact:** Immediately flush eyes for at least fifteen minutes with running water. Hold eyelids apart to ensure rinsing of the entire eye surface and lids with water. If eye irritation persists: Get medical advice/attention.

**Skin contact:** Immediately remove contaminated clothing and shoes. Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. If a person vomits when lying on his back, place him in the recovery position. Get immediate medical attention.

## Section 5 - Fire Fighting Measures

**Flash Point:** N/A

**LEL:**

**UEL:**

**Extinguishing Media:** Use carbon dioxide, foam, dry chemical, dry sand, water fog, or limestone powder extinguishing systems.

**Unusual Fire and Explosion Hazards:** None

**Hazardous combustion products:** Irritating or toxic substances may be emitted upon burning, combustion or decomposition. See section 10 (Stability and Reactivity) for additional information.

**Special Fire Fighting Procedures:** Firefighters should be equipped with self-contained breathing apparatus.

**Fire Equipment:** No Data

## Section 6 - Accidental Release Measures

**Spill And Leak Procedures:** Avoid all personal contact. Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Spills should be contained, solidified, and placed in suitable containers for disposal.

## Section 7 - Handling and Storage

**Handling Precautions:** Use good laboratory/workplace procedures. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Use under well-ventilated conditions. Avoid eye and skin contact. Avoid inhalation of aerosol, mist, spray, fume or vapor. Avoid drinking, tasting, swallowing or ingesting this product. Wash contaminated clothing before reuse. Discard shoes contaminated with this product.

**Storage Requirements:** Keep away from heat, sparks, and open flames. Store cool and dry, under well-ventilated conditions. Store this material away from incompatible substances (see section 10). Do not store in open, unlabeled or mislabeled containers. Keep container closed when not in use.

## Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS #	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Calcium Sulfate dihydrate 13397-24-5	PEL: 5mg/m3	TWA: 10mg/m3	Not Established
Chlorinated paraffin c22-30 63449-39-8	Not Established	Not Established	Not Established
2,2,4-Trimethyl-1,3- pentanediol monoisobutyrate 25265-77-4	Not Established	Not Established	Not Established
Titanium Dioxide 13463-67-7	TWA: 15 mg/m3	TWA: 10 mg/m3	Not Established

Antimony trioxide 1309-64-4	TWA: 0.5 mg/m3	TWA: 0.5 mg/m3	Not Established
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**Ventilation:** Good general mechanical ventilation and local exhaust is recommended.

**Hygiene:** Eye wash must be easily accessible. Wear protective clothing as necessary to prevent contact. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. Gloves must be inspected regularly and prior to each use. Replace if necessary.

**Personal Protective Equipment:** Wear impervious protective gloves. Wear OSHA, NIOSH approved organic vapor respirator if ventilation is inadequate. Wear appropriate protective eyewear such as splash-proof, chemical resistant safety goggles.

**Contaminated Gear:** Take off all contaminated clothing immediately. Wash contaminated clothing before reuse.

## Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstances:

<b>Appearance</b>	Viscous liquid	<b>Odor</b>	Not Available
<b>Physical State</b>	Liquid	<b>Vapor Pressure</b>	0.36 hPa@574C
<b>Boiling Range</b>	255 to 2900 °C	<b>Specific Gravity (SG)</b>	1.370
<b>Lbs VOC/Gallon Less Water</b>	5.72		

## Section 10 - Stability and Reactivity

### Stability:

STABLE

### Components of this mixture are incompatible with the following materials:

Strong Acids  
Strong Bases  
Strong Reducing Agents  
Strong Oxidizers

### This mixture is likely to exhibit the following combustion products:

Carbon Dioxide, Carbon Monoxide  
Chlorine

Hazardous polymerization will not occur.

## Section 11 - Toxicological Information

### Mixture Toxicity:

Inhalation Toxicity LC50: 241mg/L

### Component Toxicity:

13463-67-7 Titanium Dioxide  
Inhalation LC50: 7 mg/kg (Rat)

### Routes of Entry:

Inhalation      Skin Contact      Eye Contact      Ingestion

### Exposure to this material may affect the following organs:

No Data

The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing):

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
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Antimony trioxide: If product is in liquid or paste form, physical or health hazards listed related to dust are not considered significant. However, product may contain substances that could be potential hazards if caused to become airborne due to grinding, sanding or other abrasive processes.

## Section 12 - Ecological Information

### Component Ecotoxicity:

Calcium Sulfate dihydrate	LC50 1970 mg/l fish 96h
2,2,4-Trimethyl-1,3-pentanediol monoisobutyrate	LC50 33 mg/l fish 96h; EC50 147.8 mg/l water flea 48h; EC50 18.4 mg/l algae 72h
Titanium Dioxide	LC50 >1000 mg/l fish 96h; EC50 >1000 mg/l water flea 48h; EC50 >100 mg/l algae 72h
Antimony trioxide	EC50 0.63 mg/l algae 72h; LC50 1000 mg/l fish 96hr; EC50 361.5 mg/l water flea 48h

## Section 13 - Disposal Considerations

**Waste disposal Methods:** Dispose in accordance with Federal, State and Local regulations.

## Section 14 - Transport Information

This material is classified for transport as follows:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Non-Regulated	N/A	N/A	N/A
IATA	Non-Regulated	N/A	N/A	N/A
IMDG	Non-Regulated	N/A	N/A	N/A

## Section 15 - Regulatory Information

### Additional regulatory listings, where applicable:

#### State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

Antimony trioxide 1309-64-4  
Titanium Dioxide 13463-67-7

#### Materials not included on the Canada DSL inventory:

- None

**Commonwealth of Massachusetts "Right to Know":** This product contains the following toxic or hazardous substances which appear on the Massachusetts Substance List:

Antimony trioxide 1309-64-4  
Titanium Dioxide 13463-67-7  
Calcium Sulfate dihydrate 13397-24-5

**NJ "Right to Know":** This product contains the following toxic or hazardous substances which appear on the New Jersey Substance List:

Antimony trioxide 1309-64-4

Titanium Dioxide 13463-67-7  
2,2,4-Trimethyl-1,3-pentanediol monoisobutyrate 25265-77-4  
Calcium Sulfate dihydrate 13397-24-5

**Pennsylvania "Right to Know":** This product contains the following toxic or hazardous substances which appear on the Pennsylvania Substance List:

Antimony trioxide 1309-64-4  
Titanium Dioxide 13463-67-7  
2,2,4-Trimethyl-1,3-pentanediol monoisobutyrate 25265-77-4  
Calcium Sulfate dihydrate 13397-24-5

**EPA SARA Title III Section 313 ( 40 CFR 372) components above 'de minimum' level:**

- None

**Toxic Substances Control Act (TSCA):** All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory:

Antimony trioxide 1309-64-4  
Chlorinated paraffin c22-30 63449-39-8

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
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EU Risk Phrases

Safety Phrase

Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory:

- None

EPA SARA Title III Section 313 ( 40 CFR 372) compnenets above 'de minimum' level:

#### Section 16 - Other Information

For further information, please contact the Product Safety director. The information and recommendations contained herein are, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of the chemical is the sole responsibility of the user. Users of any chemical should satisfy themselves that the conditions and methods of use assure that the chemical is used safely. No representations or warranties, either expressed or implied of merchantability, fitness for a particular purpose, or any other nature, are made hereunder with respect to the information contained herein, or to the chemical to which the user refers.

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