

# Safety Data Sheet

Material: **SparkleTuff™ Anti-Slip - Part A**

Version: 1

Revision Date: 08/15/2016

Prepared in accordance with GHS standard  
& Annex II - EC regulation 1907/2006 and amendments

SDS No: 1608-1411

## SECTION 1. IDENTIFICATION

**Material Identification:** SparkleTuff™ Anti-Slip - Part A  
**Chemical Name:** Epoxy Polysiloxane with functional groups  
**Chemical Classification:** Silicone  
**CAS #:** Proprietary  
**Recommended Product Usage**  
Paint, Coatings

**Company Identification:** Safety Direct America  
26705 Loma Verde  
Mission Viejo, CA 92691  
USA  
949-582-0889

**24-HOUR EMERGENCY RESPONSE TELEPHONE NUMBER:** (949) 582-0889 (Normal Business Hours)

**USE IN CASE OF A DANGEROUS GOODS EMERGENCY**

## SECTION 2. HAZARD(S) IDENTIFICATION

**HAZARD CLASSIFICATION:**

Not Hazardous.

**GHS LABEL ELEMENTS** (including precautionary statements):

**Symbol:** None.

**Signal Word:** None.

**Hazard Risk Statement:** Not Hazardous.

**Precautionary Statement:**

**Prevention:** P262: Do not get in eyes, on skin or on clothing.

**Response:** P305 + P351: IF IN EYES: Rinse with water for several minutes. Repeat if needed.  
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

**Storage:** P403 + P233: Store in a well-ventilated place. Keep container tightly closed.

**Disposal:** P501: Dispose of contents/container in accordance with local / regional / national / international regulations.

**OTHER HAZARD** (risk not included in classification):

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Information on ingredients:**

Chemical Name	Common Name or Synonym	CAS No.	EINECS/ELINCS No.	% (w/w)	GHS Classification	Classification according to Directive 67-548/EEC
	4,4-Isopropylidenedicyclohexanol oligomeric reaction with a chloro-2-6-epoxypropane	30583-72-3		<50		

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	Alkoxy silicone resin	68957-04-0		>50		
	Methanol	67-56-1		<1		

**Type:** HYD - by-product upon hydrolysis, INHA - ingredient, NEBE - by-product, MONO - residual monomer, VERU - impurity, VUL - by-product upon vulcanization. \*\*\* **Note:** C1 - IARC carcinogen, C2 - NTP carcinogen, C3 - OSHA carcinogen, NH - nonhazardous, R - reproductive toxin.

Substances listed in the Subsections "HAPS" and "California Proposition 65 Carcinogens / Reproductive Toxins" that are not listed in Section 2 are only present at quantities below 0.1% for California Proposition 65 listed toxins or below 1% for noncarcinogenic HAPS or they are inextricably bound in the product.

## SECTION 4. FIRST AID MEASURES

**Eyes** No first aid should be needed. If discomfort occurs, flush with water.

**Skin:** No first aid should be needed.

**Inhalation:** No first aid should be needed. If discomfort occurs, remove to fresh air.

**Ingestion:** No first aid should be needed. If discomfort occurs, obtain medical attention.

## SECTION 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Carbon dioxide, dry powder, foam, or water spray. Water can be used to cool fire exposed containers.

**Unsuitable Extinguishing Media:** None known.

**Specific Hazards Arising from the Chemical:** Silicon Dioxide. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

**Special Protective Actions for Fire-Fighters:** Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Use water spray to cool fire exposed containers.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions and Protective Equipment:** Avoid eye and skin contact. Use personal protective equipment.

**Environmental Precautions:** Prevent from entering drains or water sources.

**Containment/Clean up:** Collect for disposal. Clean up remaining materials from spill with suitable absorbent. For large spills provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean area as appropriate since some silicone material, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents or detergents.

## SECTION 7. HANDLING AND STORAGE

**Handling Precautions:** Avoid eye and skin contact. Do not take internally. Use with adequate ventilation. Wash after handling. Exercise good industrial hygiene practice.

**Storage Conditions:** Keep container tightly closed and away from oxidizing materials.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### OCCUPATIONAL EXPOSURE LIMIT VALUES / BIOLOGICAL LIMIT VALUES:

#### Industrial Hygiene Standards

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Ingredient

CAS No.

Exposure Limit

**None known.**

## ENGINEERING CONTROLS:

Local Ventilation: None should be needed.

General ventilation: Recommended.

## PERSONAL PROTECTIVE EQUIPMENT:

Respiratory protection: In the case of vapour formation use a respirator with an approved filter.

Hand protection: Gloves are not normally required.

Eye protection: Safety glasses should be worn.

Skin protection: Protective equipment is not normally required.

Hygiene measures: Observe good industrial hygiene practices. Wash after handling.

**Note:** These precautions are for room temperature handling. Use at elevated temperatures or aerosol spray applications may require added precautions.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	<b>Clear Liquid</b>
<b>Viscosity@25°C:</b>	<b>approx. 400 mPa.s at 25 °C (77 °F) (DIN 51562)</b>
<b>Colour:</b>	<b>Colourless to Hazy</b>
<b>Melting/Freezing Point:</b>	<b>Not determined</b>
<b>Odour:</b>	<b>Slight</b>
<b>Initial Boiling Point:</b>	<b>&gt;100°C @ 760 mmHg</b>
<b>Odour Threshold:</b>	<b>Not determined</b>
<b>Boiling Range:</b>	<b>Not determined</b>
<b>Flash Point:</b>	<b>&gt;100°C (Pensky-Martens closed cup)</b>
<b>Explosive Properties:</b>	<b>for released methanol: 5.5 - 44%(V).</b>
<b>Flammability:</b>	<b>Not determined</b>
<b>Vapour Pressure @25°C:</b>	<b>Not determined</b>
<b>Flammability Limits:</b>	<b>Not determined</b>
<b>Vapour Density:</b>	<b>Not determined</b>
<b>Auto-ignition Temperature:</b>	<b>Not determined Partition Coefficient Not determined</b>
<b>Decomposition Temperature:</b>	<b>Not determined pH: Not determined</b>
<b>Specific Gravity @25°C:</b>	<b>1.14</b>
<b>Oxidising Properties:</b>	<b>No</b>
<b>Solubility in Water:</b>	<b>Insoluble</b>
<b>Evaporation Rate:</b>	<b>Not determined</b>

## SECTION 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** None known.

**Incompatible Materials:** Strong oxidizing material can cause a reaction.

**Hazardous Decomposition Products:** The following decomposition products may form during fire or at very high temperatures: Carbon Oxides, Silicon dioxide, Formaldehyde, and traces of incompletely burned carbon compounds.

## SECTION 11. TOXICOLOGICAL INFORMATION

### LIKELY ROUTES OF EXPOSURE:

**Respiratory:** Exposure is expected.

**Oral:** Exposure is expected.

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**Eye, Skin:** Exposure is expected.

## INFORMATION ON THE HEALTH HAZARDS:

**Acute Toxicity:** None known.

**Eyes:** Direct contact may cause temporary redness and discomfort.  
**Skin:** No significant irritation expected from a single short-term exposure.  
**Inhalation:** No significant irritation expected from a single short-term exposure.  
**Ingestion:** Low ingestion hazard in normal use.

**Chronic Toxicity:**

**Skin:** No known applicable information.  
**Inhalation:** No known applicable information.  
**Ingestion:** Repeated ingestion or swallowing large amounts may injure internally.  
**Other Health Hazard** No known applicable information.  
**Skin Corrosion/Irritation:** No known applicable information.  
**Serious Eye Damage/Irritation:** No known applicable information.  
**Respiratory Sensitization:** No known applicable information.  
**Skin Sensitization:** No known applicable information.  
**Carcinogenicity:** No known applicable information.  
**Germ Cell Mutagenicity:** No known applicable information.  
**Reproductive Toxicity:** No known applicable information.  
**Specific Target Organ:** No known applicable information.  
(Systemic Toxicity – Single exposure)  
**Specific Target Organ:** No known applicable information.  
(Systemic Toxicity – Repeated exposure)  
**Aspiration Hazard:** No known applicable information.

## SECTION 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:**

**Environmental Effects**

**Acute:** No adverse effects on aquatic organisms.  
**Chronic:** No adverse effects on aquatic organisms.

**PERSISTENCE AND DEGRADABILITY:**

**Degradation:** In soil, siloxanes are degraded.  
**Environmental Fate and Distribution:** Siloxanes are removed from water by sedimentation sewage or binding to sludge.

**BIOACCUMULATIVE POTENTIAL:**

**Bioaccumulation:** No bioaccumulation potential.

**MOBILITY IN SOIL:** None known.

**OTHER ADVERSE EFFECTS:** None known.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Product Disposal:** Do not dispose of waste into sewer. Dispose of in accordance with local regulations.

**Packaging Disposal:** Dispose of in accordance with local regulations.

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## SECTION 14. TRANSPORTATION INFORMATION

**AIR TRANSPORT (IATA):** Not subject to IATA regulations.

**SEA TRANSPORT (IMDG):** Not subject to IMDG code.

**ROAD / RAIL**

**US DOT (49 CFR 172.101):** Not subject to DOT regulations.

**CANADA TDG:** Not subject to TDG regulations.

**ADR/RID:** Not subject to ADR/RID regulations.

## SECTION 15. REGULATORY INFORMATION

### CHEMICAL INVENTORIES:

**TSCA:** All ingredients are on the inventory.

**NDSL:** All ingredients are on the inventory.

**EINECS:** All ingredients are on or exempted from the inventory.

**AICS:** All ingredients are on the inventory.

**MITI:** All ingredients are on the inventory.

**CSNN:** All ingredients are on the inventory.

### CANADA

This product has been classified in accordance with the hazard criteria of the CPR, and this SDS contains all the information required by the CPR.

**WHMIS Classification:** This product is not subject to WHMIS regulations.

### USA

#### EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances (40 CFR 355): **None**

Section 304 CERCLA Hazardous Substances (40 CFR 302): **None**

Section 311/312 Hazard Class (40 CFR 370): Acute: **No**; Chronic: **No**; Fire: **No**; Pressure: **No**;  
Reactive: **No**

Section 313 Toxic Chemicals (40 CFR 372): **None**

### Supplemental State Compliance Information

#### California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm: **None known**.

#### Massachusetts / New Jersey / Pennsylvania

No ingredients regulated by MA/NJ/PA Right-to-know Laws present.

### EEC

#### Labelling according to EEC Directive

S-phrases: S51 (Use only in well-ventilated areas)

R-phrases: **NONE**

### GERMANY

**Wassergefährdungsklasse** (water hazard class) : WGK 1

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## SECTION 16. OTHER INFORMATION

### HMIS III

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>REACTIVITY</b>	<b>0</b>

0 = NOT SIGNIFICANT  
1 = SLIGHT  
2 = MODERATE  
3 = HIGH  
4 = EXTREME  
\* = CHRONIC

The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. This data is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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**Issuing Date:** September 28, 2015

**Latest Revision Date:** **October 1, 2015**

**Revision No.:** 1

# Safety Data Sheet

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Revision Date: 08/15/2016

Prepared in accordance with GHS standard  
& Annex II - EC regulation 1907/2006 and amendments

SDS No: 1608-1411

## SECTION 1. IDENTIFICATION

**Material Identification:** SparkleTuff™ Anti-Slip - Part B  
**Chemical Name:** Amine Functional Polysiloxane-Silane  
**Chemical Classification:** Silicone  
**CAS #:**  
**Recommended Product Usage**  
Epoxy-Siloxane curing agent

**Company ID:** Safety Direct America  
26705 Loma Verde  
Mission Viejo, CA 92691  
USA  
**949-582-0889**

**EMERGENCY RESPONSE TELEPHONE NUMBER:**

(949) 582-0889 (Normal Business Hours)

**USE IN CASE OF A DANGEROUS GOODS EMERGENCY**

## SECTION 2. HAZARD(S) IDENTIFICATION

**Physical hazards**

Not classified.

**Health hazards**

Acute toxicity, oral

Category 4

Skin corrosion/irritation

Category 1B

Serious eye damage/eye irritation

Category 1

**OSHA defined hazards**

Not classified.

**Label elements**



**Signal word**

Danger

**Hazard statement**

Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage.

**Precautionary statement**

**Prevention**

Do not breathe mist or vapor. Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

If swallowed: Rinse mouth. Do NOT induce vomiting. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage**

Store locked up.

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)**

None known.

**Supplemental information**

70% of the mixture consists of component(s) of unknown acute inhalation toxicity.):

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## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Common Name or Synonym	CAS No.	EINECS/ELINCS No.	% (w/w)	GHS Classification	Classification according to Directive 67-548/EEC
	Triethoxysilylpropanamine	919-30-2		>60		
	Di-methyl-3-aminopropyl terminated			<40		

**Composition comments** Components not listed are either non-hazardous or are below reportable limits.

## SECTION 4. FIRST AID MEASURES

<b>Inhalation</b>	Move to fresh air. Oxygen or artificial respiration if needed. Call a physician or poison control center immediately.
<b>Skin contact</b>	Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.
<b>Ingestion</b>	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
<b>Most important symptoms/effects, and delayed</b>	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye <b>acute</b> damage including blindness could result.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Symptoms may be delayed.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## SECTION 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media</b>	Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ). Water spray.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed. This material may generate formaldehyde at temperatures greater than 150°C (300°F) in air or the presence of oxygen.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting</b>	Move containers from fire area if you can do so without risk.



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## equipment/instructions

### Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

### General fire hazards

The product is not flammable. This material is reactive with water, but the reaction will not significantly increase the fire severity.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

### Methods and materials for containment and cleaning up

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water  
Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.  
Never return spills to original containers for re-use. For waste disposal, see Section 13 of the SDS

### Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

## SECTION 7. HANDLING AND STORAGE

### Precautions for safe handling

Avoid contact with skin, eyes and clothing. Do not breathe mist or vapor. Do not use in areas without adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash contaminated clothing before reuse. Wash thoroughly after handling.

### Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational exposure limits

No exposure limits noted for ingredient(s).

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Exposure guidelines

Occupational Exposure Limits are not relevant to the current physical form of the product.

### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eyewash facilities and emergency shower must be available when handling this product.

This product may be capable of generating 0.1 ppm or greater formaldehyde vapors under certain use conditions. According to OSHA 29 CFR 1910.1048, formaldehyde vapors may be considered hazardous if workplace airborne concentrations exceed 0.1 ppm.

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## Individual protection measures, such as personal protective equipment

<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles) and a face shield.
<b>Skin protection</b>	
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved air supplied air respirator must be worn.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely washwork clothing and protective equipment to remove contaminants.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Physical state / form.....: liquid  
Colour .....: clear to light yellow  
Odour .....: amine like

### Safety parameters

<b>Property:</b>	<b>Value:</b>	<b>Method:</b>
Melting point / melting range .....	< -70 °C (< -94 °F)	
Boiling point / boiling range .....	217 °C (422 °F) at 1013 hPa	
Flash point.....	93 °C (199 °F)	(ISO 2719)
Ignition temperature .....	300 °C (572 °F)	(DIN 51794)
Lower explosion limit (LEL) .....	0.8 %(V)	(Lit.)
Upper explosion limit (UEL).....	4.5 %(V) (Lit.)	
Vapour pressure.....	< 1 hPa at 20 °C (68 °F)	
Density .....	0.95 g/cm <sup>3</sup> at 25 °C (77 °F)	(DIN 51757)
Water solubility / miscibility.....	partly miscible	
pH-Value .....	approx. 10 at 25 °C (77 °F) (10 g/l H <sub>2</sub> O)	
Distribut. coeff. n-octanol/water.....	not applicable	
Viscosity (dynamic) .....	approx. 8-15mPa.s at 25 °C (77 °F)	(DIN 51562)

### Further information

Solubility in water: Hydrolytic decomposition occurs. Explosion limits for released ethanol: 3.5 - 15%(V).  
Thermal decomposition.....: stable to > 120 °C (> 248 °F)

## SECTION 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Water, moisture.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	This material may generate formaldehyde at temperatures greater than 150°C (300°F).

## SECTION 11. TOXICOLOGICAL INFORMATION

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## Information on likely routes of exposure

<b>Inhalation</b>	May cause irritation to the respiratory system.
<b>Skin contact</b>	Causes severe skin burns.
<b>Eye contact</b>	Causes serious eye damage.
<b>Ingestion</b>	Causes digestive tract burns. Harmful if swallowed.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

## Information on toxicological effects

<b>Acute toxicity</b>	Harmful if swallowed. After single oral exposure moderate toxic effects are to be expected. After single dermal exposure minor toxic effects are to be expected. Aerosols of amino-functional silanes (from organic solutions or aqueous emulsions) may be injurious to health after inhalation in animal tests.
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## Product details:

<i>Route of exposure</i>	<i>Result/Effect</i>	<i>Species/Test system</i>	<i>Result/Effect</i>
oral	LD50: 2.83 mL/kg	rat (male)	test report OECD 401
oral	LD50: 1.57 mL/kg	rat (female)	test report OECD 401
dermal	LD50: 4.29 mL/kg	rabbit (male)	<b>Test report</b>
by inhalation (vapour)	LC50: > 16 ppm; 6 h No mortality at room temperature in highly enriched or saturated atmosphere.	rat (female)	test report OECD 403
by inhalation (vapour)	LC50: > 5 ppm; 6 h No mortality at room temperature in highly enriched or saturated atmosphere.	rat (male)	test report OECD 403

<b>Skin corrosion/irritation</b>	Causes severe skin burns and eye damage.
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Not available.
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>	Not listed.
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not classified.

## SECTION 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous. However, this
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<b>Persistence and degradability</b>	does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Bioaccumulative potential</b>	No data is available on the degradability of this product.
<b>Mobility in soil</b>	No data available.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13. DISPOSAL CONSIDERATIONS

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## SECTION 14. TRANSPORTATION INFORMATION

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not available.

## SECTION 15. REGULATORY INFORMATION

<b>US federal regulations</b>	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are listed on or exempt from the U.S. EPA TSCA Inventory List.
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### **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

### **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

### **CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

<b>Hazard categories</b>	Immediate Hazard - Yes
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# Safety Data Sheet

Material: **SparkleTuff™ Anti-Slip - Part B** Version: 1.1

Revision Date: 08/15/2016

Delayed Hazard - Yes  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical**

Yes

**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)**

Not regulated.

**US state regulations**

**US. Massachusetts RTK - Substance List**

Not regulated.

**US. New Jersey Worker and Community Right-to-Know Act**

Not listed.

**US. Pennsylvania Worker and Community Right-to-Know Law**

Not listed.

**US. Rhode Island RTK**

Not regulated.

**US. California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Ethanol (CAS 64-17-5)

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australian	Inventory of Chemical Substances Australia (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).  
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**SECTION 16. OTHER INFORMATION**

# Safety Data Sheet

Material: **SparkleTuff™ Anti-Slip - Part B** Version: 1.1

Revision Date: 08/15/2016

**Issue date** 15-August-2016  
**Revision date** 15-August-2016  
**Version #** 02  
**HMIS® ratings** Health: 3  
Flammability: 1  
Physical hazard: 1

**Disclaimer**

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment. The information in the sheet was written based on the best knowledge and experience currently available.