

# Safety Data Sheet

## Section 1. Identification

**GHS product Identifier** : Airlok® Spray-N-Roll  
**Other means of identification** : Not available

### Relevant identified used of the substance or mixtures and uses advised against

Airlok® Spray-N-Roll Barrier is used as an air barrier.

**Supplier's details** Polyguard Products, Inc.  
4101 South Interstate 45  
Ennis, TX 75119  
Tel: (214) 515-5000 (M-F 7 am-5 pm CST)

**Emergency telephone number) with hours of operation)** CHEMTREC, US 1-800-424-9300 International 1-703-527-3887 (24/7)

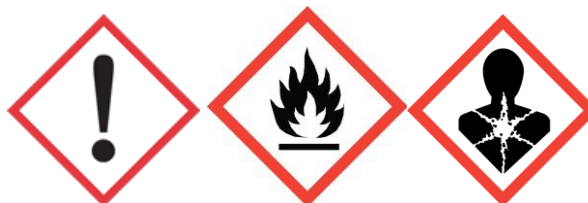
## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazardous Communications Standard (49CFR1910.1200) .

**Classification of the substance or mixture** : Skin sensitizer: category 1  
Serious eye damage/eye irritation.- Category 2  
Reproductive toxicity: Category 1B  
Flammable liquid : Category 2

### GHS label elements

#### Hazard pictogram



**Signal word** : Danger  
**Hazard statement** : Causes serious eye irritation.  
May cause an allergic skin reaction.  
May damage fertility or the unborn child.  
Highly flammable liquid and vapor.

### Precautionary statements

#### Prevention

: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion- proof equipment. Take precautionary measures against static discharge. Use non-sparking tools. Wear protective gloves, protective clothing, eye and face protection. Use only outdoors or in a well- ventilated area. Avoid release to the environment. Do not breathe vapor.

## Section 2. Hazards identification

- Response** : In case of fire; Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. IF INHALED: Remove individual to fresh air. If individual is not breathing or if breathing is irregular, provide artificial respirations or oxygen by trained personnel. Seek immediate medical attention. IF IN EYES: Rinse cautiously with water for at least 20 minutes. Remove contact lenses, if present and easy to do. Seek immediate medical attention. If SWALLOWED: Immediately call a POISON CENTER or physician. DO NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash with plenty of soap and water. If skin irritation occurs: Get medical attention.
- Storage** : Store locked up. Store in a well-ventilated place, keep cool. Keep container tightly closed.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : Not applicable.

## Section 3. Composition/information on ingredients

- Substance/Mixture** : Mixture
- Other means of identification** : Not available
- CAS number/other identifiers**
- CAS number** : Not applicable

Ingredient name	%	CAS Number
Carbon black	0.1-4	1333-86-4
Limestone	1-10*	1317-65-3
Titanium Dioxide	0.1-4*	13463-67-7
N-[3-(trimethoxysilyl) propylethylenediamine	0.5-2*	1760-24-3
Tin catalyst	0.1-1*	22673-19-4
Methyl Acetate	8-12*	79-20-9

\* The exact percentage (concentration) of composition has been withheld as a trade secret. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentration applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures.

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention immediately.
- Inhalation** : Remove individual to fresh air. If individual is not breathing or if breathing is irregular, provide artificial respirations or oxygen by trained personnel. Seek immediate medical attention.
- Skin contact** : Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash with plenty of soap and water. If skin irritation occurs: Get medical attention.

## Section 4. First aid measures

**Skin contact** : Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash with plenty of soap and water. If skin irritation occurs: Get medical attention.

**Ingestion** : Immediately call a POISON CENTER or physician. DO NOT induce vomiting.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

**Eye contact** : May cause serious eye irritation.

**Inhalation** : May be harmful if inhaled. Irritating to respiratory system. Can irritate eyes, nose, mouth and throat.

**Skin contact** : Irritating to skin. May cause an allergic skin reaction.

**Ingestion** : Maybe harmful if swallowed.

### Most important symptoms/effects, acute and delayed

#### Over-exposure signs/symptoms

**Eye contact** : Adverse symptoms may include the following:  
Pain or irritation, watering, redness

**Inhalation** : Adverse symptoms may include the following:  
Respiratory irritation

**Skin contact** : Adverse symptoms may include the following:  
Irritation, redness, allergic skin reaction

**Ingestion** : Adverse symptoms may include the following:  
Nausea or vomiting

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

**Notes to physician:** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. May cause sensitization of susceptible persons.

**Specific treatments** : No specific treatment

**Protection of first-aiders:** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing the aid to give mouth to mouth resuscitation.

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** : Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical** : Product is or contains a sensitizer. May cause sensitization by skin contact.

**Hazardous thermal decomposition products** : Carbon Oxides

**Special protective equipment** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in a positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures.

- For non emergency personal** : Evacuate surrounding area. Keep unnecessary and unprotected personnel from entering. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel."
- Environmental precautions** : Avoid disposal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

### Methods and materials for containment and cleaning up

- Spill** : Approach release from upwind. Remove all sources of ignition. Use non-sparking tools for clean-up. Prevent entry into sewers, water courses. Stop leak if without risk. Move container from spill area. Contain and collect spillage with non-combustible, absorbent materials i.e. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. See Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure-obtain special instructions before use. Do not handle until safety precautions have been read and understood. Do not get in eyes or on the skin or clothing. Do not breathe vapor or mist. Do not swallow. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in original container or an approved alternative made from compatible material, kept tightly closed when not in use. Keep away from heat, sparks and open flames.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry cool and well-ventilated area and food and drink. Store locked up. Keep container tightly closed and sealed until ready to use. Do not store in unlabeled containers.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
Tin Catalyst	<b>OSHA PEL</b> TWA: 0.1 mg/m <sup>3</sup> Sn
	<b>ACGIH TLV</b> STEL: 0.2 mg/m <sup>3</sup> Sn TWA: 0.1 mg/m <sup>3</sup> Sn
Limestone	<b>OSHA PEL</b> TWA: 15 mg/m <sup>3</sup>
Methyl Acetate	<b>OSHA PEL</b> TWA: 610 mg/m <sup>3</sup>
Carbon black	<b>OSHA PEL</b> TWA: 3.5 mg/m <sup>3</sup>
	<b>ACGIH TLV</b> TWA: 3 mg/m <sup>3</sup> inhalable fraction
Titanium Dioxide	<b>ACGIH TLV</b> TWA: 10 mg/m <sup>3</sup>
	<b>OSHA PEL</b> TWA: 15 mg/m <sup>3</sup> Total dust

#### Appropriate engineering controls

- : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

#### Environmental exposure controls

- : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

#### Hygiene measure:

- : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the work station location.

#### Eye/face protection

- : Safety eyewear complying with an approved standard should be used when risk assessment indicates this is necessary to avoid exposure to liquid splashes. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: Safety glasses with side shields.

#### Skin Protection

##### Hand protection

- : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

##### Body protection

- : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

##### Other skin protection

- : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

##### Respiratory protection

- : Use a properly fitted, air purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9. Physical and chemical properties

### Appearance

Physical state	: Paste/Gel liquid
Color	: Gray
Odor	: Weak
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Boiling point	: No data available
Flash Point	: 8.6 °F or ( -13 °C)
Evaporation rate:	: No data available
Flammability (solid, gas)	: No data available
Lower & upper explosive (flammable) limits	: Lower: No data available Upper: No data available
Vapor density	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto- ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: 10,000- 15,000 cps
VOC	: <20 g/l. less water and exempt solvents

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: This product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Conditions to avoid:	: Moisture. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
Incompatible materials	: None known.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

<u>Acute toxicity</u>	: None known
<u>Irritation/Corrosion</u>	
Eye contact	: Severely irritating to eyes.
Inhalation	: Irritating to respiratory tract.
Skin contact	: Irritating to skin. May cause an allergic skin reaction.
Ingestion	: May be harmful if swallowed.
<u>Sensitization</u>	
Skin	: May cause sensitization by skin contact. May cause sensitization of susceptible persons.
Respiratory	: There is no data available

## Section 11. Toxicological information

- Mutagenicity** : There is no data available
- Carcinogenicity** : This product may contain titanium dioxide or carbon black, which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is a liquid.
- Classification**
- Reproductive toxicity** : Contains a known or suspected reproductive toxin.
- Teratogenicity** : There is no data available
- Specific target organ toxicity (single exposure)** : There is no data available
- Specific target organ toxicity (repeated exposure)** : Contains material which causes damage to the following organs: Upper respiratory tract, skin, eyes.
- Aspiration hazard** : No information available
- Information on the likely routes of exposure** : Routes of entry anticipated: Dermal, inhalation.
- Potential acute health effects**
- Eye contact** : Severely irritating to eyes.
- Inhalation** : Maybe harmful if inhaled. Irritating to respiratory tract.
- Skin contact** : Irritating to skin. May cause an allergic skin reaction.
- Ingestion** : May be harmful if swallowed.
- Symptoms related to the physical, chemical and toxicological characteristics**
- Eye contact** : Adverse symptoms may include the following: Pain or irritation, watering, and redness.
- Inhalation** : Adverse symptoms may include the following: Respiratory irritation
- Ingestion** : Adverse symptoms may include the following: Nausea or vomiting.
- Delayed and immediate effects and chronic effects from short and long-term exposure**
- Short term exposure**
- Potential immediate effects** : No information available
- Potential delayed effects** : No information available
- Long term exposure**
- Potential immediate effects** : No information available
- Potential immediate effects** : No information available
- Potential delayed effects** : No information available
- Potential chronic health effects**
- General** : No known effect based on information supplied. Contains a known or suspected reproductive toxin. Possible risk of irreversible effects.
- Carcinogenicity** : No information available

<b><u>Ingredient</u></b>	<b><u>ACGIH</u></b>	<b><u>IARC</u></b>
Titanium Dioxide	-	Group 2 B
Carbon Black	A 3	Group 2 B

## Section 11. Toxicological information

Mutagenicity	: No information available
Teratogenicity	: No information available
Developmental effects	: No information available
Fertility effects	: No information available
Target organs	: No information available

## Section 12. Ecological information



Ecotoxicity	: The environmental impact of this product has not been fully investigated.
Persistence and degradability	: No information available.
Bioaccumulation	: No information available.
Other adverse effects	: No information available.

## Section 13. Disposal Considerations

Disposal methods	: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recycled products via a licensed waste disposal contractor. Waste should not be disposed of to a sewer. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, water ways, drains and sewers. <b>This product contains one or more substances that are listed with the State of California as a hazardous waste. Tin Catalyst (CAS# 22673-19-4)- Toxic</b>
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## Section 14. Transportation information

### DOT/IATA

	DOT Classification	IATA	
UN Number	UN1133	UN 1133	
UN Proper Shipping Name	Adhesive, <i>containing a flammable liquid</i>	Adhesive, <i>containing a flammable liquid</i>	
Transportation hazard class	3 	3 	
Packing Group	II	II	
Additional Information			



## Section 15. Regulatory information

- U.S. Federal regulations:** : **United States inventory (TSCA 8 b):** No data available
- Clean Water Act(CWA)** : This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)
- Composition/information on ingredients**  
**SARA 311/312 Classification** : Acute health hazard and chronic health hazard.
- Composition/information on ingredients**  
**SARA 313** : This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
- CERCLA** : This product as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and pertaining to releases of this material. There may be specific reporting requirements at the local, regional or state levels pertaining to the release of this material.
- State regulations**  
**Massachusetts** : The following components are listed: Carbon black, Limestone and Titanium Dioxide.
- New Jersey** : The following components are listed: Carbon black, Limestone and Titanium Dioxide, and Methyl Acetate.
- Pennsylvania** : The following components are listed: Carbon black, Limestone and Titanium Dioxide.
- Illinois** : The following components are listed: Carbon black.
- California Prop 65** : None reportable

## 16. Other information

### Hazardous Material Information System (USA)

**Health-1**                      **Flammability-3**                      **Physical hazards-0**

Caution: HMIS® rating are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with fully implemented HMIS® program. HMIS® is a registered trademark of the National Paint & Coating Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller. The customer is responsible for determining the PPE code for this material.

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**Date of previous issue** 3/9/17  
**Revisions:** Updated product information. Chemical composition change.  
**Version** 3  
**Prepared by** C. Rogalski

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