

Safety Data Sheet

Section 1. Identification

GHS product Identifier : Airlok® Detail-N-Joint
Other means of identification : Not available

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

Airlok® Detail-N-Joint is a liquid flashing sealant product.

Supplier's details

Polyguard Products, Inc.
4101 South Interstate 45
Ennis, TX 75119
Tel: (214) 515-5000 (M-F 7 am-5 pm CST)
CHEMTREC, US 1-800-424-9300 International 1-703-527-3887
(24/7)

Emergency telephone number) with hours of operation)

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 sensitization: Category 1
Serious eye damage/eye irritation: Category 2
Reproductive toxicity: Category 1 B

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.

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. Wear protective gloves, protective clothing, eye and face protection. Wash hands thoroughly after handling.

Response

: Collect spillage; Get medical attention if you feel unwell. If exposure or concerned: Get medical attention. 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.

Section 2. Hazards identification

- Storage** : Store locked up. Store in a well-ventilated place. Keep container tightly closed.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : 62.5 % of the mixture consists of ingredient(s) of unknown toxicity. Harmful to aquatic life with long lasting effects.

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
Limestone	10-30*	1317-65-3
Silane, ethenyltrimethoxy-	1-5*	2768-02-7
Calcium Carbonate	15-40*	471-34-1
Carbon black (if needed)	1-5*	1333-86-4
Tin catalyst	0.1-1*	22673-19-4
Titanium Dioxide	1-5 *	13463-67-7

* 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. Do not rub affected area.
- 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.
- Ingestion** : Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER or physician. DO NOT induce vomiting.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : May cause irritation of respiratory tract.
- Skin contact** : Irritating to skin. May cause an allergic skin reaction.
- Ingestion** : Specific test data is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Section 4. First aid measures

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:
Irritation of respiratory tract.

Skin contact

: Adverse symptoms may include the following:
Irritation, redness, burning sensation, itching, hives allergic skin reaction

Ingestion

: Adverse symptoms may include the following:
Gastrointestinal irritation, nausea, vomiting and diarrhea.

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.

Specific treatments

: No specific treatment

Protection of first-aiders:

: No action shall be taken involving any personal risk or without suitable training.

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media

: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

: Water contaminated with this material must be prevented from being discharged to waterways, sewers or drains.

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.

Special protective actions for fire fighters

: None

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures.

For non emergency personal

: Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Keep unnecessary and unprotected personnel from entering. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

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).

Section 6. Accidental release measures

Methods and materials for containment and cleaning up

Spill

: Approach release from upwind. 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 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.

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

<u>Ingredient name</u>	<u>Exposure limits</u>
Limestone	OSHA PEL TWA: 15 mg/m ³
Titanium Dioxide	ACGIH TLV TWA: 10 mg/m ³
Carbon Black	OSHA PEL TWA: 15 mg/m ³ Total dust ACGIH TLV TWA: 3 mg/m ³ inhalable fraction
Tin catalyst	OSHA PEL TWA: 3.5 mg/m ³ ACGIH TLV STEL: 0.2 mg/m ³ Sn TWA: 0.1 mg/m ³ Sn
Calcium Carbonate	OSHA PEL TWA: 0.1 mg/m ³ Sn OSHA TWA: 15 mg/m ³

Section 8. Exposure controls/personal protection

- 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** : No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Section 9. Physical and chemical properties

- Appearance**
- Physical state** : Paste/Gel liquid
- Color** : Gray
- Odor** : Mint-like
- Odor threshold** : No data available
- pH** : No data available
- Melting point** : Not applicable
- Boiling point** : Not applicable
- Flash Point** : No data available
- 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** : 925,000 – 1,000,000 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 under normal storage conditions.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Conditions to avoid:	: Avoid moisture.
Incompatible materials	: None known.
Hazardous decomposition products	: Carbon Oxides.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Irritation/Corrosion

Eye contact

: Severely irritating to eyes.

Inhalation

: Irritating to respiratory tract.

Skin contact

: Irritating to skin. May cause an allergic skin reaction.

Ingestion

: May cause irritation of mucous membranes and gastrointestinal tract.

Sensitization

Skin

: May cause sensitization by skin contact. May cause sensitization of susceptible persons.

Respiratory

: There is no data available

Mutagenicity

: There is no data available

Carcinogenicity

: This product contains titanium dioxide which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is a liquid. The product contains carbon black which is classified as a possible carcinogenic when present as a respirable dust. This is not relevant for this product since it is not in a respirable form.

Classification

Reproductive toxicity

: Contains a known or suspected reproductive toxin.

Teratogenicity

: No information available

Specific target organ toxicity (single exposure)

: No information available

Specific target organ toxicity (repeated exposure)

: No information available.

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

: Irritating to respiratory tract.

Skin contact

: Irritating to skin. May cause an allergic skin reaction.

Ingestion

: May cause irritation of mucous membranes and gastrointestinal tract.

Section 11. Toxicological information

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
- Skin contact** : Adverse symptoms may include the following: Irritation or redness.
- Ingestion** : Adverse symptoms may include the following: Nausea or vomiting.

Ingredient	ACGIH	IARC
Titanium Dioxide	-	Group 2 B
Carbon Black	A 3	Group 2 B

- Mutagenicity** : No information available
- Teratogenicity** : No information available
- Developmental effects** : No information available
- Fertility effects** : Contains a known or suspected reproductive toxin.
- Target organs** : Eyes, skin, respiratory system, gastrointestinal tract, reproductive system, lungs, lymphatic system.

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.

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.

Section 14. Transportation information

- DOT/IATA/IMDG** : Not regulated

Section 15. Regulatory information

U.S. Federal regulations: : **United States inventory (TSCA 8 b):** Not determined
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

: Acute health hazard and chronic health hazard.

Classification

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, Calcium carbonate and Titanium Dioxide.

New Jersey

: The following components are listed: Carbon black, Limestone, Calcium Carbonate and Titanium Dioxide.

Pennsylvania

: The following components are listed: Carbon black, Limestone, Calcium Carbonate and Titanium Dioxide.

Illinois

: The following components are listed: Carbon black.

California Prop 65

: None reportable

International regulations
Canada

: WHMIS Hazard class
D2A- Very toxic materials
D2B- Toxic materials



16. Other information

Hazardous Material Information System (USA)

Health-2*

Flammability-0

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.

*= chronic health hazard.

16. Other information

Date of revision:	8/16/18
Date of previous issue	3/9/17
Revisions:	Updated product information, chemical composition change.
Version	3
Prepared by	C. Rogalski

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