

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

1.1 Trade Name (as labeled):	5121 Alphathane
Synonyms:	N/A
CAS No:	Mixture
Product Code:	D23-71
1.2 Product Use:	Multi-purpose Sealant
1.3 Company Name:	Alpha Systems LLC
Company Address:	5120 Beck Dr
Company Address Cont:	Elkhart IN 46516
Business Phone:	(800) 462-4698
Website:	www.alphallic.us
1.4 Emergency Telephone Number:	24 HR Emergency Contact: CHEMTREC 800 424-9300 During normal business hours: 574-295-5206
Date of Current Revision:	May 29, 2018
Date of Last Revision:	New

SECTION 2 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: This product is a liquid which comes in various colors.

Health Hazards: This product may cause skin irritation and sensitization. May cause eye damage.

Flammability Hazards: This product is a non-flammable liquid with a flash point of >200°F (93°C).

Reactivity Hazards: None.

Environmental Hazards: The environmental effects of this product have not been investigated, however release may cause long term adverse environmental effects.

US DOT Symbols:

Not Regulated



EU and GHS Symbols:

Signal Word:

Danger!

2.1 EU Labeling and Classification:

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC:

Index Number:

None of the components are listed in Annex VI

Substances not listed either individually or in group entries must be self classified.

Components Contributing to Classification:

All components listed in Section 3

2.2 Label Elements:

GHS Hazard Classifications:

Skin Irritant Category 2
Eye Damage Category 1
Skin Sensitization Category 1

Hazard Statements:

H315: Causes skin irritation
H318: Causes serious eye damage
H317: May cause an allergic skin reaction

Precautionary Statements:

P264: Wash skin thoroughly after handling.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response Statements:

P302+P352: IF ON SKIN: Wash with plenty water.
 P321: Specific treatment (See Section 4 of this SDS).
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
 P362+P364: Take off contaminated clothing and wash it before reuse.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310: Immediately call a POISON CENTER/doctor.
 P405: Store locked up.
 P501: Dispose of contents/container in accordance with local/regional/national/international regulations
 None applicable

Storage Statements:**Disposal Statements:****2.3 Other hazards:****SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous Ingredients:	WT%	CAS No.	EINECS No.	Hazard Classification
Quartz	0.1-1.0%	14808-60-7	238-878-4	H350: Carcinogenicity Cat 1A, H335: STOT SE Cat 3, H370: STOT SE Cat 1
N-(3-(trimethoxysilyl)propyl)ethylenedi-amine	1-3%	1760-24-3	217-164-6	H332: Acute Cat 4 (Inhalation), H318: Eye Damage Cat 1, H317: Skin Sensitization Cat 1
N,N'-bis[3-(trimethoxysilyl)propyl]ethylenedi-amine	0.1-1.0%	68845-16-9	272-453-4	H318: Eye Damage Cat 1
7-(2-aminoethyl)-3,3,11,11-tetramethoxy-2,12-dioxo-7-aza-3,11-disilatridecane	0.1-1.0%	74956-86-8	695-749-9	H318: Eye Damage Cat 1
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	0.1-1.0%	25973-55-1	247-384-8	H373: STOT RE Cat 2, H413: Aquatic Chronic Cat 4, Combustible Dust
Titanium Dioxide	0.1-1.0%	13463-67-7	236-675-5	H350: Carcinogenicity Category 1B
Dibutyltin Diacetylacetonate	0.1-1.0%	22673-19-4	245-152-0	H314: Skin Corrosion Cat 1
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or sensitizers). Actual concentrations are withheld as trade secret.				

SECTION 4 - FIRST AID MEASURES**4.1 Description of First Aid Measures:****Eye Contact:**

If product enters the eyes, flush with plenty of water or eye wash solution for several minutes. Remove contacts if present and easy to do. Seek medical attention if irritation persists.

Skin Contact:

Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

Inhalation:

If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

Ingestion:

If product is swallowed, call physician or poison center immediately. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

Medical Conditions Generally Aggravated by Exposure:

Pre-existing skin, respiratory system or eye problems may be aggravated by prolonged contact.

4.2 Symptoms and Effects Both Acute and Delayed:

This product may cause skin irritation and sensitization. May cause eye damage. May cause cancer.

4.3 Recommendations to Physicians:

Treat symptoms and eliminate overexposure.

SECTION 5 - FIRE FIGHTING MEASURES

5.1 Fire Extinguishing Materials:

Use the following fire extinguishing materials:

Water Spray: Yes
Foam: Yes
Halon: Yes

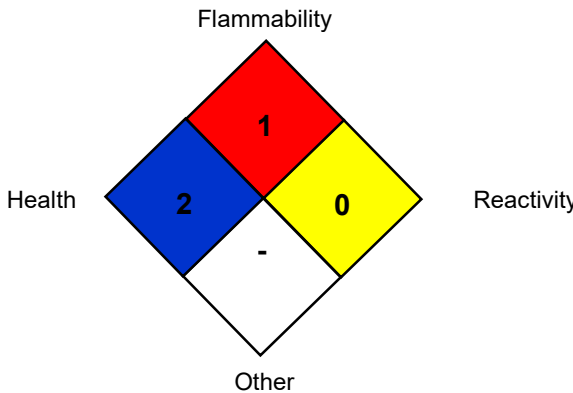


Carbon Dioxide: Yes
Dry Chemical: Yes
Other: Any "C" Class

5.2 Unusual Fire and Explosion Hazards:

Explosive Sensitivity to Mechanical Impact: No
 Explosive Sensitivity to Static Discharge: No

- Incipient fire responders should wear eye protection.
- Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment.
- Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray.
- If possible, prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas.

5.3 Special Fire-Fighting Procedures:

NFPA RATING SYSTEM		HMIS RATING SYSTEM HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
		HEALTH HAZARD (BLUE)		2	
		FLAMMABILITY HAZARD (RED)		1	
		PHYSICAL HAZARD (YELLOW)		0	
PROTECTIVE EQUIPMENT					
EYES	RESPIRATORY	HANDS	BODY		
	See Sect 8		See Sect 8		
For Routine Industrial Use and Handling Applications					
Hazard Scale: 0 = Minimum 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic Hazard					

SECTION 6 - ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Use cautious judgment when cleaning up spill. Wear suitable protective clothing, gloves, and eye/face protection.

6.2 Environmental Precautions:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

6.3 Spill and Leak Response:

Small Spills:

- Collect material via broom or mop. Place in tightly sealed containers for proper disposal.
- Approach spill areas with caution.
- If liquid was introduced, create a dike or trench to contain material. Soak up with absorbent material such as clay, sand or other suitable non-reactive material.

Large Spills:

- Place in leak-proof containers. Seal tightly for proper disposal.
- Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

SECTION 7 - HANDLING AND STORAGE**7.1 Precautions for Safe Handling:**

To prevent eye contact under the foreseeable conditions of use, wear appropriate safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Do not handle or store near heat, sparks, or flame.

7.2 Storage and Handling Practices:

Keep away from incompatible materials. Keep container closed when not in use and store in well ventilated area.

7.3 Specific Uses:

Multi-purpose sealant.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION**8.1 Exposure Parameters:**

Ingredients	CAS No.	ACGIH	OSHA
Quartz	14808-60-7	0.025 mg/m ³	0.05 mg/m ³
N-(3-(trimethoxysilyl)propyl)ethylenedi-amine	1760-24-3	Not Listed	Not Listed
N,N'-bis[3-(trimethoxysilyl)propyl]ethylenedi-amine	68845-16-9	Not Listed	Not Listed
7-(2-aminoethyl)-3,3,11,11-tetramethoxy-2,12-dioxo-7-aza-3,11-disilatridecane	74956-86-8	Not Listed	Not Listed
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	25973-55-1	Not Listed	Not Listed
Titanium Dioxide	13463-67-7	10 mg/m ³	15 mg/m ³
Dibutyltin Diacetylacetonate	22673-19-4	0.1 mg/m ³	0.1 mg/m ³

8.2 Exposure Controls:**Ventilation and Engineering Controls:**

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132), or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

Respiratory Protection:

Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

Eye Protection:

Safety glasses or goggles are required. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

Hand Protection:

Chemical resistant gloves are required to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

Body Protection:

Use body protect appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on Basic Physical and Chemical Properties:****Appearance (Physical State and Color):** liquid (Color varies)**Odor:** Low odor**Odor Threshold:** No data available**pH:** No data available**Melting/Freezing Point:** No data available**Boiling Point:** No data available**Flash Point:** >200°F (33°C).**Evaporation Rate:** No data available**Flammability (Solid; Gas):** No data available**Upper/Lower Flammability or Explosion Limits:** Not applicable**Vapor Pressure (mm Hg @ 20°C (68° F):** No data available**Vapor Density:** No data available**Relative Density:** No data available**Specific Gravity:** 1.55**Solubility in Water:** No data available**Weight per Gallon:** No data available**Partition Coefficient (n-octanol/water):** No data available**Auto-Ignition Temperature:** No data available**Decomposition Temperature:** No data available**Viscosity:** 45,000-60,000 cps**9.2 Other Information:**

No data available

SECTION 10 - STABILITY AND REACTIVITY**10.1 Reactivity:**

This product is not reactive.

10.2 Stability:

Stable under conditions of normal storage and use.

10.3 Possibility of Hazardous Reactions:

Can react violently with acids.

10.4 Conditions to Avoid:

Avoid dusting situations.

10.5 Incompatible Substances:

Strong acids.

10.6 Hazardous Decomposition Products:

Carbon dioxide.

SECTION 11 - TOXICOLOGICAL INFORMATION**11.1 Information on Toxicological Effects:****Toxicity Data:**

No specific data available for this product.

Suspected Cancer Agent:

Ingredients within this product are found on one or more of the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are considered to be cancer-causing agents by these agencies.
Quartz CAS # 14808-60-7

These chemicals are encapsulated within the overall product and are not anticipated to be inhalation hazards.

Irritancy:

May cause skin irritation.

Sensitization to the Product:

This product may cause skin sensitization.

Germ Cell Mutagenicity:

This product does not contain ingredients that are suspected to be a germ cell mutagenic.

Reproductive Toxicity:

This product does not contain ingredients that are suspected to be a human reproductive toxicant.

Specific Target Organ Toxicity – Single Exposure:

Data not sufficient for classification.

Specific Target Organ Toxicity – Repeated**Exposure:**

Data not sufficient for classification.

Aspiration Hazard:

Data not sufficient for classification.

SECTION 12 - ECOLOGICAL INFORMATION**12.1 Toxicity:**

No specific data available on this product.

12.2 Persistence and Degradability:

No specific data available on this product.

12.3 Bioaccumulative Potential:

No specific data available on this product.

<u>12.4 Mobility in Soil:</u>	No specific data available on this product.
<u>12.5 Results of PBT and vPvB Assessment:</u>	No specific data available on this product.
<u>12.6 Other Adverse Effects:</u>	No data available
<u>12.7 Water Endangerment Class:</u>	At present, there are no ecotoxicological assessments for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:	Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Australia, EU Member States and Japan.
13.2 EU Waste Code:	Not determined

SECTION 14 - TRANSPORTATION INFORMATION

14.1 U.S. Department of Transportation (DOT) Shipping Regulations (BULK):

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

UN Identification Number:	N/A
Proper Shipping Name:	Not Regulated
Hazard Class Number and Description:	N/A
Packing Group:	N/A
DOT Label(s) Required:	N/A
North American Emergency Response Guidebook Number:	N/A

14.2 Environmental Hazards:

Marine Pollutant:

The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

14.3 Special Precaution for User:

None

14.4 International Air Transport Association Shipping Information (IATA):

This product is not considered as dangerous goods.

14.5 International Maritime Organization Shipping Information (IMO):

This product is not considered as dangerous goods.

SECTION 15 - REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations Specific for the Substance or Mixture:

United States Regulations:

U.S. SARA Reporting Requirements:

The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

U.S. SARA 311/312:

Acute Health: Yes; Chronic Health: Yes; Fire: No; Reactivity: No

U.S. CERCLA Reportable Quantity:

Reportable Quantity (RQ): None.

U.S. TSCA Inventory Status:

The components of this product are listed on the TSCA Inventory or are exempted from listing.

Other U.S. Federal Regulations:

None known

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):



WARNING! This product can expose you to Quartz, which is known to the State of California to be a to cause cancer. For more information, go to WWW.P65Warning.ca.gov.

15.2 Canadian Regulations:

Canadian DSL/NDSL Inventory Status:

Components are DSL Listed, NDSL Listed and/or are exempt from listing

Other Canadian Regulations:

Not applicable

Canadian Environmental Protection Act (CEPA) Priorities Substances Lists:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

Canadian WHMIS Classification and Symbols:

This product is classified per WHMIS Controlled Product Regulations.

15.3 European Economic Community Information:

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section 2 for Details.

Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

15.4 Australian Information for Product:

Components of this product are listed on the International Chemical Inventory list.

15.5 Japanese Information for Product:

Japanese Minister of International Trade and Industry (MITI) Status: The components of this product are not listed as Class I specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

15.6 International Chemical Inventories:

Listing of the components on individual country Chemical Inventories is as follows:

Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed

U.S. TSCA: Listed

SECTION 16 - ADDITIONAL INFORMATION

Prepared By: Chris Eigbrett
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MSDS to GHS Compliance
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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. Alpha Systems LLC assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Alpha Systems LLC assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

END OF SDS SHEET