

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

1.1 Trade Name (as labeled):	Alpha 2100 Rev 2
Synonyms:	N/A
CAS No:	Mixture
1.2 Product Use:	Commercial 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.alphalhc.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:	February 10, 2020
Date of Last Revision:	New

SECTION 2 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: This product is a clear liquid with a solvent odor.

Health Hazards: May cause skin and eye irritation. May cause respiratory irritation and / or drowsiness / dizziness. May cause cancer. May be an aspiration hazard.

Flammability Hazards: This product is a flammable liquid with a flash point of 110°F (43 °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:

None

EU and GHS Symbols:



Danger!

Signal Word:

2.1 EU Labeling and Classification:

This product does meet 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.

Index Number:

EC# 265-199-0 is listed in Annex VI Index# 649-356-00-4

Remainder of components are not listed Annex VI

Components Contributing to Classification:

Aromatic 100

2.2 Label Elements:

GHS Hazard Classifications:

Flammable Liquid Category 2
Skin Irritation Category 2
Eye Irritation Category 2A
Carcinogenicity Category 1
Specific Target Toxicity Single Exposure Category 3
Aspiration Hazard Category 1
H226: Flammable liquid and vapour
H315: Causes skin irritation
H319: Causes serious eye irritation
H350: May cause cancer
H335: May cause respiratory irritation
H336: May cause drowsiness / dizziness
H304: May be fatal if swallowed and enters airways

Hazard Statements:

Prevention Statements:

P201: Obtain special instructions before use.
 P202: Do not handle until all safety precautions have been read and understood.
 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P233: Keep container tightly closed.
 P240: Ground and bond container and receiving equipment.
 P241: Use explosion-proof equipment.
 P242: Use non-sparking tools.
 P243: Take action to prevent static discharge.
 P261: Avoid breathing dust/fume/mist/vapours/spray.
 P264: Wash skin thoroughly after handling.
 P271: Use only outdoors or in a well-ventilated area.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response Statements:

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P370+P378: In case of fire: Use media defined in Section 5 to extinguish.
 P321: Specific treatment (See Section 4 of this SDS).
 P332+P313: If skin irritation 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.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P308+P313: IF exposed or concerned: Get medical advice/attention.
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312: Call a POISON CENTER/doctor you feel unwell.
 P301+P340: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 P331: Do NOT include vomiting.
 P403+P235+P233: Store in a well-ventilated place. Keep cool. Keep container tightly closed.
 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
Aromatic 100	30-40%	64742-95-6	265-199-0	H226: Flammable Liquid Cat 3, H315: Skin Irrit Cat 2, H319: Eye Irrit Cat 2A, H351: Carcinogenicity Cat 2, H335 / H336: STOT SE Cat 3, H304: Asp Cat 1
Alicyclic Hydrocarbon Resin	20-30%	69430-35-9	614-968-2	Combustible Dust
Hydrocarbon Polymer	10-20%	9011-11-4	618-465-9	Combustible Dust
Remaining ingredients are non-hazardous or less than 1% in concentration (or less than 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).				

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 if you feel unwell. 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 or eye problems may be aggravated by prolonged contact.

4.2 Symptoms and Effects Both Acute and Delayed:

May cause skin and eye irritation. May cause respiratory irritation and / or drowsiness / dizziness. May cause cancer. May be an aspiration hazard.

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:
 Explosive Sensitivity to Static Discharge:

No
 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												
<p>Flammability</p> <p>Health Reactivity</p> <p style="text-align: center;">Other</p>	<p>HAZARDOUS MATERIAL IDENTIFICATION SYSTEM</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #00aaff; color: white; padding: 5px;">HEALTH HAZARD (BLUE)</td> <td style="text-align: center; padding: 5px;">1</td> </tr> <tr> <td style="background-color: #ff0000; color: white; padding: 5px;">FLAMMABILITY HAZARD (RED)</td> <td style="text-align: center; padding: 5px;">2</td> </tr> <tr> <td style="background-color: #ffff00; padding: 5px;">PHYSICAL HAZARD (YELLOW)</td> <td style="text-align: center; padding: 5px;">0</td> </tr> </table>	HEALTH HAZARD (BLUE)	1	FLAMMABILITY HAZARD (RED)	2	PHYSICAL HAZARD (YELLOW)	0						
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">PROTECTIVE EQUIPMENT</th> </tr> <tr> <th style="width: 25%;">EYES</th> <th style="width: 25%;">RESPIRATORY</th> <th style="width: 25%;">HANDS</th> <th style="width: 25%;">BODY</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;"> See Sect 8 </td> <td style="text-align: center;"> </td> <td style="text-align: center;"> See Sect 8 </td> </tr> </tbody> </table> <p style="text-align: center; font-size: small;">For Routine Industrial Use and Handling Applications</p>	PROTECTIVE EQUIPMENT				EYES	RESPIRATORY	HANDS	BODY		See Sect 8		See Sect 8
PROTECTIVE EQUIPMENT													
EYES	RESPIRATORY	HANDS	BODY										
	See Sect 8		See Sect 8										
<p>Hazard Scale: 0 = Minimum 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic Hazard</p>													

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.

7.2 Storage and Handling Practices:

Keep away from incompatible materials.

7.3 Specific Uses:

See Section 1.2.

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

Ingredients	CAS No.	OSHA PEL	NIOSH PEL
Aromatic 100	64742-95-6	400 mg/m ³ 100 ppm	400 mg/m ³ 100 ppm

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

Use with adequate ventilation to ensure exposure levels are Maintained.

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:

Not required for properly ventilated areas. 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 recommended. 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 recommended 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): Clear liquid

Odor: Solvent odor

Odor Threshold: No data available

pH: No data available

Melting/Freezing Point: No data available

Boiling Point: No data available

Flash Point: 100°F (43 °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: 0.94-0.98

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: No data available

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:

Will not occur.

10.4 Conditions to Avoid:

No data available

10.5 Incompatible Substances:

Strong oxidizing agents, strong bases.

10.6 Hazardous Decomposition Products:

No data available

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

No 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.

Irritancy:

This product may cause skin and eye irritation.

Sensitization to the Product:

This product is not expected to 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 reportable levels of a human reproductive toxicant.

Specific Target Organ Toxicity – Single Exposure:

May cause respiratory irritation, drowsiness or dizziness.

Specific Target Organ Toxicity – Repeated Exposure:

Data not sufficient for classification.

Aspiration Hazard:

This product may be an aspiration hazard.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Toxicity:	No data available for 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.
12.4 Mobility in Soil:	No specific data available on this product.
12.5 Results of PBT and vPvB Assessment:	No specific data available on this product.
12.6 Other Adverse Effects:	No data available
12.7 Water Endangerment Class:	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:	UN1993
Proper Shipping Name:	Flammable Liquid, n.o.s (Aromatic 100)
Hazard Class Number and Description:	Class 3 Flammable Liquid
Packing Group:	PG III
DOT Label(s) Required:	Flammable Liquid
North American Emergency Response Guidebook Number:	128

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 considered as dangerous goods.

14.5 International Maritime Organization Shipping Information (IMO):

This product is 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: No; Fire: Yes; Reactivity: No

U.S. CERCLA Reportable Quantity:

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 chemicals such as Benzene, which is known to the State of California to be a to be a reproductive hazard. 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 Hazardous Product Regulations.

15.3 European Economic Community Information:

This product does meet 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
Date of Printing: February 10, 2020

MSDS to GHS Compliance
www.MSDStoGHS.com

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