

1. Product and Company Identification

Product Code: 0709
Product Name: 0709
Company Name: Appli-Tec, Inc
 7 Industrial Way Unit 1
 Salem, NH 03079
Phone Number: (603)685-0500
Web site address: www.appli-tec.com
Emergency Contact: Contact medical emergency services
Information: Call Chemtrec for Transport Info. (800)424-9300
Intended Use: Adhesive

2. Hazards Identification

Skin Corrosion/Irritation, Category 3
Respiratory Sensitization, Category 1
Skin Sensitization, Category 1
Specific Target Organ Toxicity (single exposure), Category 3
Specific Target Organ Toxicity (repeated exposure), Category 1



GHS Signal Word: **Danger**

GHS Hazard Phrases: H316 - Causes mild skin irritation.
 H317 - May cause an allergic skin reaction.
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H335 - May cause respiratory irritation.
 H372 - Causes damage to organs - Lungs. through prolonged or repeated exposure.

GHS Precautionary Phrases: P260 - Do not breathe vapors, mist, or spray.
 P264 - Wash hands thoroughly after handling.
 P270 - Do not eat, drink or smoke when using this product.
 P271 - Use only outdoors or in a well-ventilated area.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P280 - Wear protective gloves/eye protection/face protection.
 P285 - In case of inadequate ventilation wear respiratory protection.

GHS Response Phrases: P302+352 - IF ON SKIN: Wash with plenty of soap and water.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P341 - If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
 P314 - Get medical attention/advice if you feel unwell.
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P342+311 - If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.
 P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases: P405 - Store locked up. P501 - Dispose of contents/container according to national and local regulations.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.
Inhalation: Harmful if inhaled. May cause respiratory tract irritation.
Skin Contact: Causes skin irritation. May cause allergic skin reaction.
Eye Contact: Causes eye irritation.
Ingestion: Harmful if swallowed.
Additional Information No data available.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1344-28-1	Aluminum oxide	<=75.0 %
69102-90-5	Polybutadiene	10.0 -20.0 %
28182-81-2	Poly(hexamethylene diisocyanate)	1.0 -5.0 %
68611-44-9	Modified silicon dioxide	1.0 -5.0 %
8021-99-6	Charcoal, bone	0.0 -1.0 %
25068-38-6	Bisphenol-a based epoxy resin	0.0 -1.0 %
17557-23-2	Oxirane, 2,2'-[(2,2-Dimethyl-1,3-propanediyl)bis(oxymethyl enE)]BIS-	0.0 -0.1 %
822-06-0	Hexamethylene-1,6-diisocyanate	0.0 -0.1 %

Additional Information Exact percentages have been withheld as a trade secret.

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
In Case of Skin Contact: Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Wash contaminated clothing before reuse.
In Case of Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention/advice.
In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical advice/attention.
Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Point: > 93.00 C
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: No data.
Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.
Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Flammable Properties and Hazards: No data available.
Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Ensure adequate ventilation. Isolate area and deny entry. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Use proper personal protective equipment as indicated in Section 8. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Use only in a well-ventilated area. Normal measures for preventive fire protection.

Precautions To Be Taken in Storing: Store at <= -40deg.C.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1344-28-1	Aluminum oxide	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 10 mg/m3 (E)	No data.
69102-90-5	Polybutadiene	No data.	No data.	No data.
28182-81-2	Poly(hexamethylene diisocyanate)	No data.	No data.	No data.
68611-44-9	Modified silicon dioxide	No data.	No data.	No data.
8021-99-6	Charcoal, bone	No data.	No data.	No data.
25068-38-6	Bisphenol-a based epoxy resin	No data.	No data.	No data.
17557-23-2	Oxirane, 2,2'-[(2,2-Dimethyl-1,3-propanediyl)bis(oxymethylenE)]BIS-	No data.	No data.	No data.
822-06-0	Hexamethylene-1,6-diisocyanate	TWA: 5 mg/m3	TLV: 0.005 ppm	No data.

Respiratory Equipment (Specify Type): Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye Protection: Safety glasses.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Appearance: Dark. Gray. Paste.
Odor: weak odor.

pH: No data.

Melting Point: No data.

Boiling Point: No data.

Flash Point: > 93.00 C

Evaporation Rate: No data.

Flammability (solid, No data available.

gas):

Explosive Limits:	LEL: No data.	UEL: No data.
Vapor Pressure:	No data.	
Vapor Density (vs. Air=1):	No data.	
Specific Gravity (Water=1):	No data.	
Solubility in Water:	No data.	
Saturated Vapor Concentration:	No data.	
Octanol/Water Partition Coefficient:	No data.	
Autoignition Pt:	No data.	
Decomposition Temperature:	No data.	
Viscosity:	No data.	

Information with regard to primary physical hazard:

10. Stability and Reactivity

Stability:	Unstable [X] Stable []
Conditions To Avoid - Instability:	Product will cure at ambient temperatures. Keep in cold storage until ready to use.
Incompatibility - Materials To Avoid:	Strong oxidizing agents, Strong bases, Strong acids.
Hazardous Decomposition or Byproducts:	Carbon oxides, Nitrogen oxides.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

11. Toxicological Information

Toxicological Information: No data available.

Sensitization: Skin sensitization.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Observe all federal, state, and local environmental regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.

Name:

DOT Hazard Class:

UN/NA Number:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

UN Number:

Packing Group:

Hazard Class:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

UN Number:

Packing Group:

Hazard Class:

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
1344-28-1	Aluminum oxide	No	No	Yes
69102-90-5	Polybutadiene	No	No	No
28182-81-2	Poly(hexamethylene diisocyanate)	No	No	No
68611-44-9	Modified silicon dioxide	No	No	No
8021-99-6	Charcoal, bone	No	No	No
25068-38-6	Bisphenol-a based epoxy resin	No	No	No
17557-23-2	Oxirane, 2,2'-[(2,2-Dimethyl-1,3-propanediyl)bis(oxymethyl enE)]BIS-	No	No	No
822-06-0	Hexamethylene-1,6-diisocyanate	No	Yes NA	Yes-Cat. N120, N106

Other US EPA or State Lists

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1344-28-1	Aluminum oxide	TSCA: Inventory
69102-90-5	Polybutadiene	TSCA: Inventory
28182-81-2	Poly(hexamethylene diisocyanate)	TSCA: Inventory
68611-44-9	Modified silicon dioxide	TSCA: Inventory
8021-99-6	Charcoal, bone	TSCA: Inventory
25068-38-6	Bisphenol-a based epoxy resin	TSCA: Inventory
17557-23-2	Oxirane, 2,2'-[(2,2-Dimethyl-1,3-propanediyl)bis(oxymethyl	TSCA: Inventory, 8A

	enE)]BIS-	
822-06-0	Hexamethylene-1,6-diisocyanate	TSCA: Inventory, 8D TERM
CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
1344-28-1	Aluminum oxide	REACH: (P), 01-2119817795-27: Full
69102-90-5	Polybutadiene	REACH: (P)
28182-81-2	Poly(hexamethylene diisocyanate)	REACH: (P), 01-2119970543-34: Full
68611-44-9	Modified silicon dioxide	REACH: (P)
8021-99-6	Charcoal, bone	REACH: (P)
25068-38-6	Bisphenol-a based epoxy resin	REACH: (P)
17557-23-2	Oxirane, 2,2'-[(2,2-Dimethyl-1,3-propanediyl)bis(oxymethyl)	REACH: (P), 01-2120759332-55: Full
	enE)]BIS-	
822-06-0	Hexamethylene-1,6-diisocyanate	REACH: (P), 01-2119457571-37: Full, Res. - Cat.

16. Other Information

Revision Date: 02/08/2024 **Previous revision:** 10/06/2021

Additional Information No data available.

About This Product:

Company Policy or

Disclaimer:

The information on this data sheet represents our current and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or the applicable technical bulletin, or which involves using the product in combination with any other product or any other process is the responsibility of the user.