

1. Product and Company Identification

Product Code: 0896
Product Name: 0896
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 2
Serious Eye Damage/Eye Irritation, Category 2
Respiratory Sensitization, Category 1
Skin Sensitization, Category 1
Carcinogenicity, Category 2
Specific Target Organ Toxicity (single exposure), Category 3
Specific Target Organ Toxicity (repeated exposure), Category 1



GHS Signal Word: Danger

GHS Hazard Phrases: H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H319 - Causes serious eye irritation.
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H335 - May cause respiratory irritation.
 H351 - Suspected of causing cancer .
 H372 - Causes damage to organs through prolonged or repeated exposure.

GHS Precaution Phrases: P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 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.
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+313 - IF exposed or concerned: Get medical attention/advice.
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P337+313 - If eye irritation persists, get medical advice/attention.
 P342+311 - If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.

P362 - Take off contaminated clothing and wash before re-use.

GHS Storage and Disposal Phrases:

P403+233 - Store container tightly closed in well-ventilated place.
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.

Potential Health Effects (Acute and Chronic):

Inhalation:

Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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	30.0 -55.0 %
NA	Proprietary Mixture	15.0 -30.0 %
26447-40-5	Diphenylmethane diisocyanate	5.0 -10.0 %
101-68-8	Methylenebis(phenylisocyanate)	5.0 -10.0 %
NA	Proprietary Glycols	0.0 -5.0 %
280-57-9	1,4-Diazobicyclo[2.2.2]octane	0.1 -1.0 %
NA	Proprietary component	0.1 -1.0 %
5873-54-1	Benzene, 1-Isocyanato-2-[(4-isocyanatophenyl)methyl]-	0.1 -1.0 %
94070-93-6	[mu-[(Oxydiethylene phthalato)(2-)]diphenylmercury	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 from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

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 Pt: > 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. Do not let product enter drains. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Remove all sources of ignition. Isolate area and deny entry. Use proper personal protective equipment as indicated in Section 8.

7. Handling and Storage

Precautions To Be Taken in Handling: Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

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.
NA	Proprietary Mixture	No data.	No data.	No data.
26447-40-5	Diphenylmethane diisocyanate	No data.	No data.	No data.
101-68-8	Methylenebis(phenylisocyanate)	CEIL: 0.02 ppm	TLV: 0.005 ppm	No data.
NA	Proprietary Glycols	No data.	No data.	No data.
280-57-9	1,4-Diazobicyclo[2.2.2]octane	No data.	No data.	No data.
NA	Proprietary component	No data.	No data.	No data.
5873-54-1	Benzene, 1-Isocyanato-2-[(4-isocyanatophenyl)methyl]-	No data.	No data.	No data.
94070-93-6	[mu-[(Oxydiethylene phthalato)(2-)]diphenylmercury	No data.	No data.	No data.

Respiratory Equipment (Specify Type):	Use a NIOSH/MSHA or European Standard EN 29 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 adequate ventilation to keep airborne concentrations low.
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: White. Paste. Odor: musty hay.	
Melting Point:	No data.	
Boiling Point:	No data.	
Flash Pt:	> 93.00 C	
Evaporation Rate:	No data.	
Flammability (solid, gas):	No data available.	
Explosive Limits:	LEL: No data.	UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	No data.	
Vapor Density (vs. Air = 1):	No data.	
Specific Gravity (Water = 1):	~1.8	
Solubility in Water:	No data.	
Percent Volatile:	No data.	
Autoignition Pt:	No data.	

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 bases, Alcohols, Water, Oxidizing agents.
Hazardous Decomposition or Byproducts:	Carbon oxides, nitrogen oxides (NOx).
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: Respiratory and 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.
DOT Hazard Class:
UN/NA Number:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

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
NA	Proprietary Mixture	No	No	No
26447-40-5	Diphenylmethane diisocyanate	No	No	Yes-Cat. N106
101-68-8	Methylenebis(phenylisocyanate)	No	Yes 5000 LB	Yes-Cat. N120
NA	Proprietary Glycols	No	No	No
280-57-9	1,4-Diazobicyclo[2.2.2]octane	No	No	No
NA	Proprietary component	No	No	No
5873-54-1	Benzene, 1-Isocyanato-2-[(4-isocyanatophenyl)methyl]-	No	No	Yes-Cat. N106
94070-93-6	[mu-[(Oxydiethylene phthalato)(2-)]diphenylmercury	No	No	Yes-Cat. N458

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1344-28-1	Aluminum oxide	TSCA: Yes - Inventory
NA	Proprietary Mixture	TSCA: No
26447-40-5	Diphenylmethane diisocyanate	TSCA: Yes - Inventory, 8C
101-68-8	Methylenebis(phenylisocyanate)	TSCA: Yes - Inventory, 8C
NA	Proprietary Glycols	TSCA: No
280-57-9	1,4-Diazobicyclo[2.2.2]octane	TSCA: Yes - Inventory
NA	Proprietary component	TSCA: Yes - Inventory
5873-54-1	Benzene, 1-Isocyanato-2-[(4-isocyanatophenyl)methyl]-	TSCA: Yes - Inventory, 8C, 8D TERM
94070-93-6	[mu-[(Oxydiethylene	TSCA: Yes - Inventory

phthalato(2-)]diphenylmercury

16. Other Information

Revision Date: 07/20/2016

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.