

1. Product and Company Identification

Product Code: 0467
Product Name: 0467
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

Acute Toxicity: Inhalation, Category 3
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
Respiratory Sensitization, Category 1
Skin Sensitization, Category 1
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.
 H331 - Toxic if inhaled.
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H372 - Causes damage to organs through prolonged or repeated exposure.

GHS Precaution 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.
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P314 - Get medical attention/advice if you feel unwell.
 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: Toxic 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
14808-60-7	Quartz	25.0 -55.0 %
69102-90-5	Polybutadiene	5.0 -30.0 %
1317-65-3	Limestone	5.0 -30.0 %
61788-32-7	Hydrogenated terphenyls	1.0 -10.0 %
101-68-8	Methylenebis(phenylisocyanate)	1.0 -9.0 %
9016-87-9	Polymeric diphenylmethane diisocyanate	1.0 -9.0 %
94-96-2	2-Ethyl-1,3-hexanediol	0.1 -5.0 %
1318-02-1	Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite,	0.1 -5.0 %
26447-40-5	Diphenylmethane diisocyanate	0.1 -5.0 %
26140-60-3	Terphenyls (o-, m-, p-)	0.0 -1.0 %

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 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. Isolate area and deny entry. Prevent further leakage or spillage if safe to do so. 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: Use only with adequate ventilation. Avoid ingestion and inhalation. Avoid contact with eyes, skin, and clothing.

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
14808-60-7	Quartz	PEL: 8825 ppm/(%SiO2+5)	TLV: 0.05 mg/m3 (R)	No data.
69102-90-5	Polybutadiene	No data.	No data.	No data.
1317-65-3	Limestone	PEL: 15 (dust); 5 (resp.) mg/m3	No data.	No data.
61788-32-7	Hydrogenated terphenyls	No data.	No data.	No data.
101-68-8	Methylenebis(phenylisocyanate)	CEIL: 0.02 ppm	TLV: 0.005 ppm	No data.
9016-87-9	Polymeric diphenylmethane diisocyanate	No data.	No data.	No data.
94-96-2	2-Ethyl-1,3-hexanediol	No data.	No data.	No data.
1318-02-1	Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite,	No data.	No data.	No data.
26447-40-5	Diphenylmethane diisocyanate	No data.	No data.	No data.
26140-60-3	Terphenyls (o-, m-, p-)	CEIL: 1 ppm	CEIL: 5 mg/m3	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:	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid	
Appearance and Odor:	Appearance: Black. Liquid. Odor: aromatic odor.	
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):	No data.	
Solubility in Water:	No data.	
Percent Volatile:	No data.	
Autoignition Pt:	No data.	

10. Stability and Reactivity

Stability:	Unstable <input checked="" type="checkbox"/> Stable <input type="checkbox"/>
Conditions To Avoid - Instability:	Product will cure at ambient temperatures. Keep in cold storage until ready to use.
Incompatibility - Materials To Avoid:	Water, Strong bases, Alcohols, Oxidizing materials.
Hazardous Decomposition or Byproducts:	Carbon oxides, Nitrogen oxides.
Possibility of Hazardous Reactions:	Will occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>
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: Environmentally Hazardous Substance, Liquid, n.o.s. (Methylene diphenyl diisocyanate)
DOT Hazard Class: 9 CLASS 9
UN/NA Number: UN3082 **Packing Group:** III



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Environmentally Hazardous Substance, Liquid, n.o.s. (Methylene diphenyl diisocyanate)

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Environmentally Hazardous Substance, Liquid, n.o.s. (Methylene diphenyl diisocyanate)

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)
14808-60-7	Quartz	No	No	No
69102-90-5	Polybutadiene	No	No	No
1317-65-3	Limestone	No	No	No
61788-32-7	Hydrogenated terphenyls	No	No	No
101-68-8	Methylenebis(phenylisocyanate)	No	Yes 5000 LB	Yes-Cat. N120
9016-87-9	Polymeric diphenylmethane diisocyanate	No	No	Yes-Cat. N120
94-96-2	2-Ethyl-1,3-hexanediol	No	No	No
1318-02-1	Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite,	No	No	No
26447-40-5	Diphenylmethane diisocyanate	No	No	Yes-Cat. N106
26140-60-3	Terphenyls (o-, m-, p-)	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
14808-60-7	Quartz	TSCA: Yes - Inventory
69102-90-5	Polybutadiene	TSCA: Yes - Inventory
1317-65-3	Limestone	TSCA: Yes - Inventory
61788-32-7	Hydrogenated terphenyls	TSCA: Yes - Inventory

101-68-8	Methylenebis(phenylisocyanate)	TSCA: Yes - Inventory, 8C
9016-87-9	Polymeric diphenylmethane diisocyanate	TSCA: Yes - Inventory, 8C, 8D TERM
94-96-2	2-Ethyl-1,3-hexanediol	TSCA: Yes - Inventory
1318-02-1	Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite,	TSCA: No
26447-40-5	Diphenylmethane diisocyanate	TSCA: Yes - Inventory, 8C
26140-60-3	Terphenyls (o-, m-, p-)	TSCA: Yes - Inventory

16. Other Information

Revision Date:	08/04/2015
Additional Information About This Product:	No data available.
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.