

1. Product and Company Identification

Product Code: 3149
Product Name: 3149
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

Flammable Liquids, Category 2
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2
Carcinogenicity, Category 2
Toxic To Reproduction, Category 2
Specific Target Organ Toxicity (repeated exposure), Category 2



GHS Signal Word: Danger

GHS Hazard Phrases: H225 - Highly flammable liquid and vapor.
 H315 - Causes skin irritation.
 H319 - Causes serious eye irritation.
 H351 - Suspected of causing cancer .
 H361 - Suspected of damaging fertility or the unborn child .
 H373 - May cause damage to 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.
 P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P233 - Keep container tightly closed.
 P240 - Ground/bond container and receiving equipment.
 P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.
 P242 - Use only non-sparking tools.
 P243 - Take precautionary measures against static discharge.
 P260 - Do not breathe vapors, mist, or spray.
 P264 - Wash hands thoroughly after handling.
 P280 - Wear protective gloves/eye protection/face protection.

GHS Response Phrases: P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 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.
 P332+313 - If skin irritation occurs, get medical advice/attention.
 P337+313 - If eye irritation persists, get medical advice/attention.
 P362 - Take off contaminated clothing and wash before re-use.
 P370+378 - In case of fire, use appropriate media to extinguish.

GHS Storage and Disposal P403+235 - Store in cool/well-ventilated place.

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.

**Potential Health Effects
(Acute and Chronic):**

Inhalation: Harmful if inhaled.
Skin Contact: Causes skin irritation. May cause allergic skin reaction.
Eye Contact: Causes eye irritation.
Ingestion: Harmful if swallowed.

Additional Information Percentage of mixture consisting of ingredients of unknown toxicity:9.7

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
68611-50-7	Polysulfide polymer (non haz.)	60.0 -70.0 %
72608-12-9	Carbonic acid calcium salt (1:1)	30.0 -35.0 %
78-93-3	Methyl ethyl ketone	10.0 -15.0 %
108-88-3	Toluene	5.0 -15.0 %
1313-13-9	Manganese(IV) oxide	5.0 -10.0 %
13463-67-7	Titanium dioxide	1.0 -5.0 %
61788-32-7	Hydrogenated terphenyls	1.0 -5.0 %
1318-02-1	Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite,	1.0 -5.0 %
14807-96-6	Talcum	0.1 -1.0 %
1333-86-4	Carbon black	0.1 -1.0 %
26140-60-3	Terphenyls (o-, m-, p-)	0.1 -1.0 %
68956-74-1	Polyphenyls, quater- and higher, partially hydrogenated	0.1 -1.0 %
546-93-0	Magnesite	0.1 -1.0 %
102-06-7	N,N'-Diphenyl Guanidine, Coated	0.1 -1.0 %
120-54-7	Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	0.1 -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:** < 23.00 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. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Do not let product enter drains. 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:** Avoid contact with eyes, skin, and clothing. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
- 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
68611-50-7	Polysulfide polymer (non haz.)	No data.	No data.	No data.
72608-12-9	Carbonic acid calcium salt (1:1)	No data.	No data.	No data.
78-93-3	Methyl ethyl ketone	PEL: 200 ppm	TLV: 200 ppm STEL: 300 ppm	No data.
108-88-3	Toluene	PEL: 200 ppm	TLV: 20 ppm	No data.

		STEL: 500 ppm/(10min) CEIL: 300 ppm		
1313-13-9	Manganese(IV) oxide	No data.	No data.	No data.
13463-67-7	Titanium dioxide	PEL: 15 (dust) mg/m3	TLV: 10 mg/m3	No data.
61788-32-7	Hydrogenated terphenyls	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.
14807-96-6	Talcum	PEL: 706 ppm/20 mppcf	TLV: 2 mg/m3 (non-asbestos)	No data.
1333-86-4	Carbon black	PEL: 3.5 mg/m3	TLV: 3 mg/m3 (IHL)	No data.
26140-60-3	Terphenyls (o-, m-, p-)	CEIL: 1 ppm	CEIL: 5 mg/m3	No data.
68956-74-1	Polyphenyls, quater- and higher, partially hydrogenated	No data.	No data.	No data.
546-93-0	Magnesite	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 10 mg/m3 (E)	No data.
102-06-7	N,N'-Diphenyl Guanidine, Coated	No data.	No data.	No data.
120-54-7	Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	No data.	No data.	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.): Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

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: Gray. Paste.
Odor: weak odor.

Melting Point: No data.

Boiling Point: No data.

Flash Pt: < 23.00 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): ~1.5

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 oxidizing agents. Strong acids.

Hazardous Decomposition or Byproducts: Carbon oxides, sulfur oxides, hydrogen sulfide, oxides of manganese, 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: Adhesives.

DOT Hazard Class: 3

FLAMMABLE LIQUID

UN/NA Number: UN1133

Packing Group:

III



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Adhesives.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Adhesives.

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)
68611-50-7	Polysulfide polymer (non haz.)	No	No	No
72608-12-9	Carbonic acid calcium salt (1:1)	No	No	No
78-93-3	Methyl ethyl ketone	No	Yes 5000 LB	No
108-88-3	Toluene	No	Yes 1000 LB	Yes
1313-13-9	Manganese(IV) oxide	No	No	Yes-Cat. N450
13463-67-7	Titanium dioxide	No	No	No
61788-32-7	Hydrogenated terphenyls	No	No	No
1318-02-1	Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite,	No	No	No
14807-96-6	Talcum	No	No	No
1333-86-4	Carbon black	No	No	No
26140-60-3	Terphenyls (o-, m-, p-)	No	No	No
68956-74-1	Polyphenyls, quater- and higher, partially hydrogenated	No	No	No
546-93-0	Magnesite	No	No	No
102-06-7	N,N'-Diphenyl Guanidine, Coated	No	No	No
120-54-7	Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
68611-50-7	Polysulfide polymer (non haz.)	TSCA: Yes - Inventory
72608-12-9	Carbonic acid calcium salt (1:1)	TSCA: No
78-93-3	Methyl ethyl ketone	TSCA: Yes - Inventory
108-88-3	Toluene	TSCA: Yes - Inventory, 8A CAIR
1313-13-9	Manganese(IV) oxide	TSCA: Yes - Inventory
13463-67-7	Titanium dioxide	TSCA: Yes - Inventory
61788-32-7	Hydrogenated terphenyls	TSCA: Yes - Inventory
1318-02-1	Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite,	TSCA: No
14807-96-6	Talcum	TSCA: Yes - Inventory
1333-86-4	Carbon black	TSCA: Yes - Inventory
26140-60-3	Terphenyls (o-, m-, p-)	TSCA: Yes - Inventory
68956-74-1	Polyphenyls, quater- and higher, partially hydrogenated	TSCA: Yes - Inventory
546-93-0	Magnesite	TSCA: Yes - Inventory
102-06-7	N,N'-Diphenyl Guanidine, Coated	TSCA: Yes - Inventory
120-54-7	Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	TSCA: Yes - Inventory

16. Other Information

Revision Date: 07/26/2016

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.