

1. Product and Company Identification

Product Code: 0148
Product Name: 0148
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: Oral, Category 4
Acute Toxicity: Inhalation, Category 4
Skin Sensitization, Category 1
Carcinogenicity, Category 2
Toxic To Reproduction, Category 2
Specific Target Organ Toxicity (repeated exposure), Category 2



GHS Signal Word: Warning

GHS Hazard Phrases: H302 - Harmful if swallowed.
 H317 - May cause an allergic skin reaction.
 H332 - Harmful if inhaled.
 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.
 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.
 P281 - Use personal protective equipment as required.

GHS Response Phrases: P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 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.
 P308+313 - IF exposed or concerned: Get medical attention/advice.
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
 P314 - Get medical attention/advice if you feel unwell.
 P330 - Rinse mouth.
 P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
 P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal P405 - Store locked up.

Phrases: P501 - Dispose of contents/container according to local and national regulations.
OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.
Inhalation: May cause respiratory tract irritation.
Skin Contact: Causes skin irritation. Allergic reactions are possible.
Eye Contact: Causes serious eye irritation.
Ingestion: Harmful if swallowed.
Additional Information Percentage of mixture consisting of ingredients of unknown toxicity:9.4

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1313-13-9	Manganese(IV) oxide	15.0 -50.0 %
61788-32-7	Hydrogenated terphenyls	15.0 -50.0 %
1318-02-1	Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite,	1.0 -10.0 %
68956-74-1	Polyphenyls, quater- and higher, partially hydrogenated	1.0 -10.0 %
471-34-1	Calcium carbonate	1.0 -5.0 %
1333-86-4	Carbon black	0.1 -5.0 %
546-93-0	Magnesite	0.1 -5.0 %
26140-60-3	Terphenyls (o-, m-, p-)	0.1 -5.0 %
102-06-7	N,N'-Diphenyl Guanidine, Coated	0.1 -5.0 %
14807-96-6	Talcum	0.1 -5.0 %
13463-67-7	Titanium dioxide	0.0 -1.0 %
108-88-3	Toluene	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 and shoes. Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Get immediate medical advice/attention.

In Case of Ingestion: Get medical aid immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt:	NP
Explosive Limits:	LEL: No data. UEL: No data.
Autoignition Pt:	No data.
Suitable Extinguishing Media:	Use extinguishing agent suitable for type of surrounding fire.
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: Use proper personal protective equipment as indicated in Section 8. Isolate area and deny entry. Remove all sources of ignition. Ventilate the area. Discharge into the environment must be avoided. 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 ingestion and inhalation. Avoid contact with eyes, skin, and clothing. Use only in a well-ventilated area.
Precautions To Be Taken in Storing:	Store at $\leq -40^{\circ}\text{C}$.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1313-13-9	Manganese(IV) oxide	CEIL: 5 mg/m ³	TWA: 0.02 mg/m ³ (resp.) 0.1 mg/m ³ (IHL)	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.
68956-74-1	Polyphenyls, quater- and higher, partially hydrogenated	No data.	No data.	No data.
471-34-1	Calcium carbonate	No data.	TLV: 10 mg/m ³ (E)	No data.
1333-86-4	Carbon black	PEL: 3.5 mg/m ³	TLV: 3 mg/m ³ (IHL)	No data.
546-93-0	Magnesite	TWA: 15 (dust); 5 (resp.) (Total dust)	TLV: 10 mg/m ³ (E)	No data.
26140-60-3	Terphenyls (o-, m-, p-)	CEIL: 1 ppm	CEIL: 5 mg/m ³	No data.
102-06-7	N,N'-Diphenyl Guanidine, Coated	No data.	No data.	No data.
14807-96-6	Talcum	PEL: 706 mppm ³ /20 mppcf	TLV: 2 mg/m ³ (non-asbestos)	No data.
13463-67-7	Titanium dioxide	PEL: 15 (dust) mg/m ³	TWA: 10 mg/m ³ (Total dust)	No data.
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 20 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 adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Appearance: Gray. Paste. Odor: sulfide odor.	
pH:	No data.	
Melting Point:	No data.	
Boiling Point:	No data.	
Flash Pt:	NP	
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.	
Octanol/Water Partition Coefficient:	No data.	
Percent Volatile:	N.D.	
Autoignition Pt:	No data.	
Decomposition Temperature:	No data.	
Viscosity:	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:	acids, bases, Oxidizing agents.
Hazardous Decomposition or Byproducts:	Carbon oxides, Nitrogen oxides, metal 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.

Chronic Toxicological Effects: Suspected of damaging fertility. Suspected of damaging the unborn child.

Carcinogenicity/Other Information: Ingredient CAS# 1333-86-4, 13463-67-7: IARC: Group 2B carcinogen.
Ingredient CAS# 1318-02-1, 108-88-3: IARC: Group 3: Not classifiable as to its carcinogenicity to humans .

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)
1313-13-9	Manganese(IV) oxide	No	No	Yes-Cat. N450
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
68956-74-1	Polyphenyls, quater- and higher, partially hydrogenated	No	No	No
471-34-1	Calcium carbonate	No	No	No
1333-86-4	Carbon black	No	No	No
546-93-0	Magnesite	No	No	No
26140-60-3	Terphenyls (o-, m-, p-)	No	No	No
102-06-7	N,N'-Diphenyl Guanidine, Coated	No	No	No
14807-96-6	Talcum	No	No	No
13463-67-7	Titanium dioxide	No	No	No
108-88-3	Toluene	No	Yes 1000 LB	Yes

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1313-13-9	Manganese(IV) oxide	TSCA: Inventory
61788-32-7	Hydrogenated terphenyls	TSCA: Inventory
1318-02-1	Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite,	
68956-74-1	Polyphenyls, quater- and higher, partially hydrogenated	TSCA: Inventory
471-34-1	Calcium carbonate	TSCA: Inventory
1333-86-4	Carbon black	TSCA: Inventory
546-93-0	Magnesite	TSCA: Inventory
26140-60-3	Terphenyls (o-, m-, p-)	TSCA: Inventory
102-06-7	N,N'-Diphenyl Guanidine, Coated	TSCA: Inventory
14807-96-6	Talcum	TSCA: Inventory
13463-67-7	Titanium dioxide	TSCA: Inventory
108-88-3	Toluene	TSCA: Inventory, 8A CAIR

16. Other Information

Revision Date: 10/05/2018

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.