

1. Product and Company Identification

Product Code: 0543
Product Name: 0543
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 (single exposure), Category 3
 Specific Target Organ Toxicity (repeated exposure), Category 1



GHS Signal Word: Danger

GHS Hazard Phrases: H225 - Highly flammable liquid and vapor.
 H315 - Causes skin irritation.
 H319 - Causes serious eye irritation.
 H335 - May cause respiratory irritation.
 H351 - Suspected of causing cancer .
 H361 - Suspected of damaging fertility or the unborn child .
 H372 - Causes damage to organs - Lungs, Respiratory irritation. through prolonged or repeated exposure.

GHS Precautionary 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.
 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.
 P270 - Do not eat, drink or smoke when using this product.
 P271 - Use only outdoors or in a well-ventilated area.
 P280 - Wear protective gloves/eye protection/face protection.
 P281 - Use personal protective equipment as required.

GHS Response Phrases: P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 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.
P314 - Get medical attention/advice if you feel unwell.
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.

GHS Storage and Disposal Phrases: P403+235 - Store in cool/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.

Inhalation: Causes respiratory tract irritation. Harmful 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	40.0 -50.0 %
NA	Liquid polysulfide polymer	<35.0 %
471-34-1	Calcium carbonate	<20.0 %
108-88-3	Toluene	<10.0 %
78-93-3	Methyl ethyl ketone	<10.0 %
13463-67-7	Titanium dioxide	< 5.0 %
1313-13-9	Manganese(IV) oxide	< 5.0 %
61788-32-7	Hydrogenated terphenyls	< 5.0 %
102-06-7	N,N'-Diphenyl Guanidine, Coated	< 0.5 %

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 aid immediately.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Point: ~ 30.00 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. Prevent further leakage or spillage if safe to do so. Discharge into the environment must be avoided. 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 skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Wash thoroughly after handling.

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	Liquid polysulfide polymer	No data.	No data.	No data.
471-34-1	Calcium carbonate	No data.	TLV: 10 mg/m3 (E)	No data.
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 20 ppm	No data.
78-93-3	Methyl ethyl ketone	PEL: 200 ppm	TLV: 200 ppm STEL: 300 ppm	No data.
13463-67-7	Titanium dioxide	PEL: 15 (dust) mg/m3	TLV: 10 mg/m3	No data.
1313-13-9	Manganese(IV) oxide	CEIL: 5 mg/m3	TWA: 0.02 mg/m3 (resp.) 0.1 mg/m3 (IHL)	No data.
61788-32-7	Hydrogenated terphenyls	No data.	No data.	No data.
102-06-7	N,N'-Diphenyl Guanidine, Coated	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.):	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: Gray. Paste. Odor: sulfide odor.	
pH:	No data.	
Melting Point:	No data.	
Boiling Point:	No data.	
Flash Point:	~ 30.00 C	
Evaporation Rate:	No data.	
Flammability (solid, gas):	No data available.	
Explosive Limits:	LEL: No data.	UEL: No data.
Vapor Pressure:	No data.	
Vapor Density (vs. Air=1):	No data.	
Specific Gravity (Water=1):	~2.1	
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.	

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: No data available.

Hazardous Decomposition or Byproducts: Carbon oxides, sulfur 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.

Irritation or Corrosion: Skin and eye irritant.

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

Carcinogenicity/Other Information: Contains material which may cause cancer, based on animal data. Risk depends on level and duration of exposure.

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.

UN Number: UN1133 **Packing Group:** III

Hazard Class: 3 - FLAMMABLE LIQUID

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Adhesives.

UN Number: UN1133 **Packing Group:** III

Hazard Class: 3 - FLAMMABLE LIQUID

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	Liquid polysulfide polymer	No	No	No
471-34-1	Calcium carbonate	No	No	No
108-88-3	Toluene	No	Yes NA	Yes
78-93-3	Methyl ethyl ketone	No	Yes NA	No
13463-67-7	Titanium dioxide	No	No	No
1313-13-9	Manganese(IV) oxide	No	No	Yes-Cat. N450
61788-32-7	Hydrogenated terphenyls	No	No	No
102-06-7	N,N'-Diphenyl Guanidine, Coated	No	No	No

California Proposition 65



WARNING

This product can expose you to chemicals including Titanium dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov. This product can expose you to chemicals including Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1344-28-1	Aluminum oxide	TSCA: Yes - Inventory CA PROP.65: No
NA	Liquid polysulfide polymer	TSCA: Yes - Inventory CA PROP.65: No
471-34-1	Calcium carbonate	TSCA: Yes - Inventory CA PROP.65: No
108-88-3	Toluene	TSCA: Yes - Inventory, 8A CAIR, 8C CA PROP.65: Yes: RDTox(F)
78-93-3	Methyl ethyl ketone	TSCA: Yes - Inventory CA PROP.65: No
13463-67-7	Titanium dioxide	TSCA: Yes - Inventory CA PROP.65: Yes: Canc.
1313-13-9	Manganese(IV) oxide	TSCA: Yes - Inventory CA PROP.65: No
61788-32-7	Hydrogenated terphenyls	TSCA: Yes - Inventory CA PROP.65: No
102-06-7	N,N'-Diphenyl Guanidine, Coated	TSCA: Yes - Inventory CA PROP.65: No

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
1344-28-1	Aluminum oxide	REACH: Yes - (P), 01-2119817795-27: Full
NA	Liquid polysulfide polymer	REACH: No
471-34-1	Calcium carbonate	REACH: Yes - (P), 01-2119486795-18: Full
108-88-3	Toluene	REACH: Yes - (P), 01-2119471310-51: Full, Res. - 48., XVII - 48
78-93-3	Methyl ethyl ketone	REACH: Yes - (P), 01-2119457290-43: Full
13463-67-7	Titanium dioxide	REACH: Yes - (P), 01-2119489379-17: Full
1313-13-9	Manganese(IV) oxide	REACH: Yes - (P), 01-2119452801-43: Full
61788-32-7	Hydrogenated terphenyls	REACH: Yes - (P), 01-2119488183-33: Full, SVHC
102-06-7	N,N'-Diphenyl Guanidine, Coated	REACH: Yes - (P), 01-2119519144-47: Full

16. Other Information

Revision Date: 10/16/2024 **Previous revision:** 02/13/2024

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.