

## 1. Product and Company Identification

**Product Code:** 1353  
**Product Name:** 1353  
**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:** Filler/Additive for thermoset systems

## 2. Hazards Identification

**GHS Signal Word:** None

**GHS Hazard Phrases:** No phrases apply.

**GHS Precaution Phrases:** No phrases apply.

**GHS Response Phrases:** No phrases apply.

**GHS Storage and Disposal Phrases:** No phrases apply.

**OSHA Regulatory Status:** This material is classified as not hazardous under OSHA regulations.

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

**Inhalation:** May cause respiratory tract irritation.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** May cause eye irritation.

**Ingestion:** No hazard in normal industrial use.

**Additional Information** No data available.

## 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
112945-52-5	Silica, amorphous treated	100.0 %

### Additional Information

## 4. First Aid Measures

### Emergency and First Aid Procedures:

**In Case of Inhalation:** Remove person to fresh air and keep comfortable for breathing.

**In Case of Skin Contact:** Wash off with soap and plenty of water.

**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 advice/attention.

**In Case of Ingestion:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Drink water as a precaution. If irritation develops, get medical aid.

**Note to Physician:** Treat symptomatically and supportively.

## 5. Fire Fighting Measures

**Flash Pt:** No data.

**Explosive Limits:** LEL: No data. UEL: No data.

**Autoignition Pt:** No data.

**Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or chemical 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:** Use proper personal protective equipment as indicated in Section 8. Discharge into the environment must be avoided.  
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid dust formation.

## 7. Handling and Storage

**Precautions To Be Taken in Handling:** Use with adequate ventilation. Avoid breathing dust, mist, or vapor. Avoid contact with skin and eyes.

**Precautions To Be Taken in Storing:** Store in a cool, dry place.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
112945-52-5	Silica, amorphous treated	PEL: 15	TLV: 10	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 [ ] Liquid [ X ] Solid

**Appearance and Odor:** Appearance: White. Powder.  
Odor: Odorless.

**Melting Point:** No data.

**Boiling Point:** No data.

**Flash Pt:** No data.

**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.

**Density:** ~2.2 G/CC at 20.0 C

**Solubility in Water:** No data.

**Percent Volatile:** No data.

**Autoignition Pt:** No data.

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** No data available.

**Incompatibility - Materials To Avoid:** Not available.

**Hazardous Decomposition or Byproducts:** Not available.

**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.  
**Carcinogenicity/Other Information:** Ingredient CAS# 112945-52-5: Not listed by NTP, IARC, or OSHA.

**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)
112945-52-5	Silica, amorphous treated	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
112945-52-5	Silica, amorphous treated	TSCA: Yes - Inventory

**16. Other Information**

**Revision Date:** 07/20/2016

**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.