

## 1. Product and Company Identification

**Product Code:** 0871  
**Product Name:** 0871  
**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**  
**Carcinogenicity, Category 2**  
**Toxic To Reproduction, Category 2**  
**Specific Target Organ Toxicity (single exposure), Category 3**



**GHS Signal Word:** Danger

**GHS Hazard Phrases:** H225 - Highly flammable liquid and vapor.  
 H336 - May cause drowsiness or dizziness.  
 H351 - Suspected of causing cancer .  
 H361 - Suspected of damaging fertility or the unborn child .

**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.  
 P261 - Avoid breathing vapors, mist, or spray.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P280 - Wear protective gloves/eye protection/face protection.  
 P235 - Keep cool.

**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.  
 P308+313 - IF exposed or concerned: Get medical attention/advice.  
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
 P370+378 - In case of fire, use appropriate media to extinguish.

**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:** Harmful if inhaled.  
**Skin Contact:** May cause skin irritation.  
**Eye Contact:** May cause eye irritation.  
**Ingestion:** Harmful if swallowed.  
**Additional Information** No data available.

**3. Composition/Information on Ingredients**

CAS #	Hazardous Components (Chemical Name)	Concentration
64742-89-8	Hexane, Light aliphatic naptha	30.0 -50.0 %
7631-86-9	Silica	5.0 -10.0 %
17689-77-9	Ethyltriacetoxysilane	1.0 -5.0 %
4253-34-3	Methyltriacetoxysilane	1.0 -5.0 %
556-67-2	Cyclotetrasiloxane, Octamethyl-	0.1 -1.0 %
13463-67-7	Titanium dioxide	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:** < 20.00 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:** Use proper personal protective equipment as indicated in Section 8. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Remove all sources of ignition. Use a spark-proof tool. A vapor suppressing foam may be used to reduce vapors. Water spray may reduce vapor but may not prevent ignition in closed spaces. Ensure adequate ventilation.

**7. Handling and Storage**

**Precautions To Be Taken in Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Use only with adequate ventilation. Keep away from heat, sparks and flame. Avoid breathing vapor.

**Precautions To Be Taken in Storing:** Keep away from sources of ignition. Store in a cool, dry, well-ventilated area away from incompatible substances. Store in a tightly closed container.

**8. Exposure Controls/Personal Protection**

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64742-89-8	Hexane, Light aliphatic naptha	No data.	No data.	No data.
7631-86-9	Silica	No data.	No data.	No data.
17689-77-9	Ethyltriacetoxysilane	No data.	No data.	No data.
4253-34-3	Methyltriacetoxysilane	No data.	No data.	No data.
556-67-2	Cyclotetrasiloxane, Octamethyl-	No data.	No data.	No data.
13463-67-7	Titanium dioxide	PEL: 15 (dust) mg/m3	TLV: 10 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.):** 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:** Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and Chemical Properties

**Physical States:**  Gas  Liquid  Solid

**Appearance and Odor:** Appearance: Gray. Viscous. Liquid.  
Odor: acetic odor.

**Melting Point:** No data.

**Boiling Point:** No data.

**Flash Pt:** < 20.00 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):** ~0.9

**Solubility in Water:** No data.

**Percent Volatile:** No data.

**Autoignition Pt:** No data.

## 10. Stability and Reactivity

**Stability:** Unstable  Stable

**Conditions To Avoid - Instability:** Exposure to moisture.

**Incompatibility - Materials To Avoid:** Strong oxidizing agents, Water.

**Hazardous Decomposition or Byproducts:** Formaldehyde.

**Possibility of Hazardous Reactions:** Will occur  Will not occur

**Conditions To Avoid - Hazardous Reactions:** No data available.

## 11. Toxicological Information

**Toxicological Information:** No data available.

## 12. Ecological Information

No data available.

## 13. Disposal Considerations

**Waste Disposal Method:** Observe all federal, state, and local environmental regulations.

**Waste Disposal Method:** D001

## 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** PETROLEUM DISTILLATES, N.O.S. (Cyclotetrasiloxane, Octamethyl-)  
**DOT Hazard Class:** 3 FLAMMABLE LIQUID  
**UN/NA Number:** UN1268 **Packing Group:** II



**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** PETROLEUM DISTILLATES, N.O.S.

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** PETROLEUM DISTILLATES, N.O.S.

**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)
64742-89-8	Hexane, Light aliphatic naptha	No	No	No
7631-86-9	Silica	No	No	No
17689-77-9	Ethyltriacetoxysilane	No	No	No
4253-34-3	Methyltriacetoxysilane	No	No	No
556-67-2	Cyclotetrasiloxane, Octamethyl-	No	No	No
13463-67-7	Titanium dioxide	No	No	No

**Other US EPA or State Lists**

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64742-89-8	Hexane, Light aliphatic naptha	TSCA: Yes - Inventory
7631-86-9	Silica	TSCA: Yes - Inventory
17689-77-9	Ethyltriacetoxysilane	TSCA: Yes - Inventory
4253-34-3	Methyltriacetoxysilane	TSCA: Yes - Inventory
556-67-2	Cyclotetrasiloxane, Octamethyl-	TSCA: Yes - Inventory, 4 Test, 8A PAIR
13463-67-7	Titanium dioxide	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.