

**Section 1 - Chemical Product and Company Identification****Product/Chemical Name:** BEACON 527**General Use:** Adhesive**Manufacturer:** Beacon Adhesive Company, 125 South MacQuesten Parkway Mount Vernon, NY 10550  
Phone: (914-699-3400) Fax: (914-699-2783) Hours: 9 to 5 Chemtrec Emergency Phone: (800) 424-9300**Section 2 - Composition / Information on Ingredients**

Ingredient Name	CAS Number	% Wt
Acetone	67-64-1	59-65
Cellulose Nitrate	9004-70-0	15-20%
Isopropyl Alcohol	67-63-0	7%
Propylene Glycol Monomethyl Ether Acetate	108-65-6	3%

**Section 3 - Hazards Identification** Emergency OverviewProduct Name: **Beacon 527**

Form: Viscous liquid

Color: Colorless

Odor: Acrid

**Potential Health Effects****Caution!**

Flammable Liquid and Vapor! Inhalation may cause dizziness, headache, faintness and incoordination. . May cause respiratory tract irritation. Ingestion may cause nausea, vomiting, pain, upset stomach, diarrhea. May cause eye irritation. May cause skin irritation. Prolonged or repeated contact may dry skin and cause irritation.

**Target Organs/Chronic Effects:** Lungs and respiratory system. Eyes. Nervous System. Skin.**Potential Health Effects****Eye:** May cause slight to mild irritation. May cause corneal opacity (clouding of eye surface). Can cause burning sensation, tearing and redness.**Skin:** May cause slight to mild irritation. Prolonged or repeated contact may dry the skin and lead to irritation (i.e. dermatitis). Can cause redness, itching and burning sensation.**Ingestion:** Irritating to the mouth, throat and stomach. May cause nausea, vomiting, pain and stomach upset (e.g. diarrhea). Can cause dizziness, faintness, headache and incoordination.

Inhalation: Dizziness, breathing difficulty, headaches &amp; loss of coordination.

Chronic (cancer) information: Information not available.

**Section 4 - First Aid Measures****Inhalation:** If inhaled, remove the patient to fresh air. If breathing is difficult get prompt medical attention.**Eye Contact:** Immediately wash eyes with running water for 15 minutes. Get immediate medical attention.**Skin Contact:** In case of contact with skin, wash with soap and water.**Ingestion:** Contact a Poison Control Center. Do not induce vomiting. Give a glass of water. Never give anything by mouth to an unconscious person.**Section 5 - Fire-Fighting Measures****Autoignition Temperature:** n/a**Flash Point** -4 F**Extinguishing Media:** Dry chemical, CO2, Halon, Foam**Fire-Fighting Instructions:** Special fire-fighting procedures: Wear self-contained breathing apparatus and protective clothing.**Unusual fire and explosion hazards:** high temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water spray. Vapors are heavier than air and can travel some distance away and flash back.**Sensitivity to Static Discharge:** Material may accumulate a static charge which could act as an ignition source. Precautions should be taken when pouring to minimize splash/free fall.**Section 6 - Accidental Release Measures****Spill /Leak Procedures:** Spills should be contained. Recover as much as possible for reuse. Absorb remainder with an inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water. Do not flush liquid latex into public sewer or water system.**Waste Disposal Method:** Dispose of in a landfill in accordance with local, state, and federal regulations.**Section 7 - Handling and Storage****Handling Precautions:** Wear appropriate protective equipment when handling material. Avoid skin and eye contact.

**Storage Requirements:** Keep away from sparks, heat, and flame. Store in a cool well ventilated location.

## Section 8 - Exposure Controls / Personal Protection

**Ventilation:** Use in a well-ventilated area.

**Respiratory Protection:** If engineering controls do not maintain airborne concentrations to an acceptable level, an approved respirator must be worn.

**Protective Clothing/Equipment:** Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

**Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

## Section 9 - Physical and Chemical Properties

**Physical State:** Liquid

**Appearance and Odor:** Clear liquid. Mild odor

**Flash point:** 1.4F (-17C)

**Melting point:** -95.35C

**Solubility in water:** Negligible

**% volatile by weight** 74.85

**% volatile by volume** 84.68

**Boiling Point:** 133° F – 284 – 302 F

**Specific Gravity** .904

**Weight per Gallon (US):** 7.524

**Evaporation Rate:** Slower than ether

**Coating VOC** 3.02 lb/gl

**Material VOC:** .82 lb/gl

## Section 10 - Stability and Reactivity

**Stability:** product is normally stable. Keep away from heat, sparks and flame.

## Section 11- Toxicological Information

Refer to section 3 for information.

## Section 12 - Ecological Information

**Ecotoxicity:** N/A    **Environmental Fate** N/A    **Environmental Transport:** N/A    **Environmental Degradation:** N/A    **Soil Absorption/Mobility:** N/A

## Section 13 - Disposal Considerations

**Disposal:** Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

**Disposal Regulatory Requirements:** Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

**Container Cleaning and Disposal:** Dispose of in a licensed facility. Recommended crushing or other means to prevent unauthorized use.

## Section 14 - Transport Information

### DOT Transportation Data (49 CFR 172.101):

**Shipping Name:** Adhesive

**Shipping Symbols:** UN 1133

**Hazard Class:** 3

**Packing Group II**

**Less than 1 liter**

**ORM-D CONSUMER COMMODITY**

## Section 15 - Regulatory Information

### EPA Regulations:

**RCRA Hazardous Waste Number:** Not listed (40 CFR 261.33)    **RCRA:** N/A

**CERCLA Sara hazard Category:** information not available

Section 313: “\*” Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

## Section 16 - Other Information

**Prepared By:** David Meshirer

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