



# BEACON ADHESIVES COMPANY, INC.

## Safety Data Sheet 29 CFR 1910.1200

### Section 1: Company and Product Identification

**Product Name:** CEM4

**Product Code:** 527

**Distributor:** Merrow Superior Sewing  
502 Bedford Street  
Fall River, Mass 02720  
PH: 212 691-5900

**Emergency Response:** 1-800-424-9300

### Section 2: Hazards Identification

**Hazard Pictograms:**



**Signal Word:** Danger

**Hazard Category:** Flammable Liq Cat 3

**Hazard Statements:** H226: Flammable liquid and vapour

**Precautionary Statements:**

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P264: Wash thoroughly after handling  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P308+313: IF exposed or concerned: Get medical advice/attention  
P403+235: Store in a well ventilated place. Keep cool  
  
P501: Dispose of contents/container in accordance with local/national/international rules.

**Hazards not otherwise classified:** Not applicable, none known.

### Section 3: Composition / Information on Ingredients

Hazardous substance (name)	Hazard Category	CAS#	Weight %
Acetone	Flammable Class 3	67-64-1	59-65
Cellulose Nitrate	Flammable Class 3	9004-07-0	15-20
Propylene Glycol	Flammable Class 3	108-65-6	3

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Isopropyl Alcohol	Flammable Class 3	67-63-0	7
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## Section 4: First Aid Measures

**General Info:** Product may give off vapors in appreciable quantities affecting the inhalation route. Ensure proper ventilation.

**Notable Exposure symptoms:** May cause drowsiness or dizziness. Headache, nausea, or vomiting may occur if appreciable quantities are ingested - seek medical attention immediately.

**If ingested:** Rinse mouth. Seek immediate medical attention.

**If inhaled:** Remove to fresh air. Obtain medical attention if asthma-like symptoms or other symptoms develop.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops or persists.

**Skin contact:** Take off immediately all contaminated clothing. Rinse with water thoroughly. Get medical advice if irritation develops or persists.

**Additional Info:** Observe for any symptoms for several hours after exposure. Follow up with medical attention if symptoms develop.

## Section 5: Fire Fighting Measures

**General Info:** Product contains flammable solvents. Direct water spray may spread fire. Isolate any uncompromised product from area if possible. Do not breath fumes.

**Extinguishing Method / Equipment:** Carbon dioxide (CO<sub>2</sub>), dry chemical, foam. Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment.

## Section 6: Accidental Release Measures

**Personal precautions, protective equipment and procedures:** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing vapors. Ventilate area if easy to do so. Contact local authorities if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Containment Equipment and Procedures:** Large Spills: Contain actively spilling material if safe and easy to do so. Dike the spilled material, where this is possible. Utilize absorbent clay or sand to contain and stop spreading material.

Small Spills: Utilize absorbent clay or sand and transfer to waste receptacles.

**Cleanup Procedures:** Collect all contaminated clay, media, or other cleanup materials into a waste receptacle. If cleaning surface is necessary, utilize mineral spirits or other solvents, provided adequate ventilation is available.

## Section 7: Handling and Storage

**Safe Handling Precautions:** Do not handle until all safety precautions have been read and understood. Do not handle near an open flame or sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment.

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**Recommendations** Store in cool area in product container away from sources of ignition or flame.  
**for Storage:**

## Section 8: Exposure Control / Personal Protection

**General** / Local exhaust ventilation should be utilized to control vapors / substances below exposure limits.

**Engineering** Eye wash facilities must be available when handling this product.

**Controls:**

**Work Clothing:** Protective work clothing which covers skin and prevents exposures.

**Eye/face protection:** Wear safety goggles or face shield.

**Skin Protection:** Wear solvent resistant gloves.

**Respiratory** Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if

**Protection:** ventilation is inadequate.

**Additional** Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash

**Information:** hands or exposed skin after using the product.

## Section 9: Physical and Chemical Properties

**State:** Liquid      **Melting Point:** (-95C)      **Freezing Point:** N/A

**Color:** Clear      **Boiling Point/Range:** ( 56.2C)      **pH** N/A

**Point/Range:** (159-170C)

**Sp Grav:** 0.9      **Odor:** solvent      **Water Solubility:** Insoluble

**Flash Point:** -4°F (-20°C)

**Upper Flam Limits:** Not avail      **Lower Flam Limits:** Not avail

## Section 10: Stability and Reactivity

**General:** This product is stable and non-reactive under normal conditions of use. Solvent vapors will evaporate from exposed material. Product is not subject to hazardous polymerization. Avoid open flame and ignition sources.

**Incompatible materials:**

**Decomposition products:** No decomposition products known. Toxic substances may be released in the event of a fire.

## Section 11: Toxicological Information

**General Information:** Contains solvents which may be harmful in contact with skin or if inhaled.

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**Toxicological Information** Product has not been tested. Solvent vapors may cause drowsiness or dizziness. Prolonged inhalation may be harmful to human health. Irritating in case of skin or eye contact. May be (product): harmful if swallowed or in contact with skin.

**Likely Routes of Inhalation of vapors, dermal Exposure:**

## Toxicological Information (contained substances)

Hazardous substance (name)	LD50 Oral	LD50 Dermal	LC50 Inh	Irritancy:
Acetone	NA	NA	NA	Skin, Eyes
Cellulose Nitrate	NA	NA	NA	Skin, Eyes
Isopropyl Alcohol	NA	NA	NA	Skin, Eyes
Propylene Glycol	NA	NA	NA	Skin, Eyes

## Section 12: Ecological Information

**General information:** Product not tested.

**Aquatic toxicity:** Product contains organic solvents which may have deleterious effects on aquatic organisms. Avoid release to aquatic ecosystem.

**Degradation / Mobility info:** No specific data available. Contained solvents are expected to degrade rapidly in the environment.

**Bioaccumulative potential:** Product contains organic solvents / oils which may uptake into biological tissue. No specific data available.

## Section 13: Disposal Information

**Product disposal:** Dispose of product in accordance with local, regional, and national regulations. Consult with waste contractor. Contains low levels of flammable solvents.

**Container disposal:** Treat empty containers with extra care, as residual solvents may pose ignition hazard. Consult waste contractor.

**Other considerations:** No further information.

## Section 14: Transport Information

**DOT:** UN 1133, Hazard Class 3 Packing Group II, Less than 1 Liter ORM-D Consumer Commodity

**IMO/IMDG:** UN 1133, Hazard Class 3 Packing Group II, Less than 1 Liter ORM-D Consumer Commodity

**IATA:** UN 1133, Hazard Class 3 Packing Group II, Less than 1 Liter ORM-D Consumer Commodity

**OTHER:** Inquire for further transport information.

**Comments:**

## Section 15: Regulatory Information

**TSCA:** All components listed on the TSCA 8(b) inventory.

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CERCLA RQ:

SARA 311/312: (Immediate, delayed, Fire)

SARA 313 N/A

## Section 16: Other Information

SDS Author: Pete Ryan

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