

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

073153848

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

073153715 073153723 073153731 073153830 073153855 073153863 073153905 073153913 073154747

# Material Safety Data Sheet

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Form # QF-10-07

Identity (As used on Label or List)

Hazard Class:

Press Form Putty

## Section 1

Manufacturer's Name

Ellman International, Inc.

Emergency Telephone Number

(516) 594-3333

Address, Number, Street, City, State, Zip

3333 Royal Ave.

Oceanside, New York 11572

U.S.A.

Telephone Number For Information

(516) 594-3333

Print Date: 1/6/09

Update: 12/6/12

Signature of Preparer (optional)

## Section 2 - Product Identification

Trade Name: Pressform Putty

Generic Name: Silicone Compound

Chemical Name:

Hazardous Components (Specific Chemical Identity Common Name(s))	OSHA PEL	ACGIH TLV	% Optional
CAS # 007631869      Silica, amorphous	15 mg/m3 total dust, 5 mg/m3 respirable fraction	twc 10 mg/m3 inhalable	wt% 8
None      Vendor proprietary thickener	10 mg/m3 total dust, 5 mg/m3 respirable fraction	twc 10 mg/m3	wt% 5
Special Notes: The above components are hazardous as defined in cfr 1910.1200.			

## Section 3 - Effects of Overexposure

### Acute Effects

Eye: Direct eye contact may cause temporary discomfort with mild redness and dryness similar to windburn.

Skin: A single prolonged exposure (24 to 48 hours) causes no known adverse effect.

Inhalation: No irritation to eyes and respiratory passages. No injury is likely from relatively short exposures of less than 8 hours.

Oral: Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may cause digestive discomfort.

### Repeated Exposure effects

Skin: None known.

Inhalation: None Known.

Oral: None known.

### Special Hazards

This material contains the following components with the special hazards listed below.

Carcinogens None Known.

Teratogens None Known .

Mutagens None Known.

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Reproductive Toxins None Known.      Sensitizers None known. Please read additional information below.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions component data and/or expert review of the product.

**Section 4 - First Aid Measures**

Eye: Immediately flush with water.

Skin: No first aid should be needed.

Inhalation: No first aid should be needed.

Oral: No first aid should be needed.

Comments: Treat symptomatically

**Section 5 - Fire Fighting Measures**

Flash Point (closed cup) : > 213.98 degrees F / 101.10 Degrees C

Auto ignition Temperature: Not Determined.

Flammability Limits in Air: Not Determined.

Extinguishing media: Water spray, Carbon dioxide (CO<sub>2</sub>), Dry Chemical, Foam. Water can be used to cool fire exposed containers.

Fire fighting procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan.

Unusual fire Hazards: None.

Hazardous Decomposition products:

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon Oxides and traces of incompletely burned carbon compounds. Silicone dioxide. Formaldehyde.

**Section 6 - Accidental Release Measures**

Containment/Clean-up: Disposal of collected product, residues, and clean-up materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations. Mop-up or wipe up, or soak up with absorbent and contain for salvage or disposal. Clean any remaining slippery surfaces by appropriate techniques, such as: several mopping or swabbing with appropriate solvents; washing with mild caustic detergents or solutions; or high pressure steam for large areas. For non silicones, use typical industrial cleaning materials. Observe any safety precautions applicable to the cleaning material being used.

**Section 7 - Handling and Storage**

Handling and Storage: No special precautions. Use reasonable care.

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**Section 8 - Exposure Controls/ Personal Protection**Engineering Controls

Local exhaust: None should be needed.  
General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling

Eyes: Use proper protection.  
Skin: Washing at mealtime and end of shift is adequate.  
Suitable Gloves: No special protection is needed.  
Inhalation: No respiratory protection should be needed.  
Suitable Respirator: None should be needed.

Personal Protective Equipment for Spills

Eyes: Use proper protection - Safety glasses as a minimum.  
Skin: Washing at mealtime and end of shift is adequate.  
Inhalation: No respiratory protection should be needed.  
Precautionary measures: Avoid eye contact. Use reasonable care.  
Comments: None

Note: These precautions are for room temperature handling. Use at elevated temperature, or aerosol spray applications may require added precautions.

**Section 9 Physical and Chemical Properties**

Physical Form: Viscous Liquid  
Color: White  
Odor: Odorless  
Specific Gravity @ 25C: 1.06  
Viscosity: 10000000.00 CST.  
Freezing/Melting Point: Not Applicable.  
Boiling Point: Not Applicable.  
Vapor Pressure @ 25C: Not Determined.  
Vapor Density: Not determined.  
Solubility in Water: Not determined.  
pH: Not Applicable.  
Volatile Content: Not Determined.

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### Section 10 Stability and Reactivity

Chemical Stability: Stable.  
 Hazardous Polymerization: Will not occur.  
 Conditions to Avoid: None.  
 Materials to Avoid: Oxidizing material can cause a reaction.  
 Comments: None

### Section 11 Toxicological Information

Optional Section - Complete information not yet available.

### Section 12 Ecological Information

Optional Section - Complete information not yet available.

### Section 13 Disposal Information

RCRA Hazard Class (40CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? **NO**

Federal Hazardous waste code: **NA**

Characteristic Waste: Ignitable: **NA**

Corrosive: **NA**

Reactive: **NA**

TCLP: **NA**

NA=Not Applicable

State or local laws may impose additional regulatory requirements regarding disposal.

### Section 14 Regulatory Information

Contents of this MSDS comply with OSHA Hazard Communication Standard 29CFR 1910.1200

TSCA status: All chemical substances found in this product comply with the toxic substances control act inventory reporting Requirements.

## Material Safety Data Sheet

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Form # QF-10-07 (part 1)

Identity (As used on Label or List)

Hazard Class:  
PRESS FORM PLASTIC SHEETS (Soft)

010

## Section 1

Manufacturer's Name

Ellman International, Inc.

Emergency Telephone Number

(516) 594-3333

Address, Number, Street, City, State, Zip

3333 Royal Ave.

Oceanside, New York 11572

U.S.A.

Telephone Number For Information

(516) 594-3333

Date prepared

12/6/12

Signature Of Preparer (optional)

## Section 2 - Product Identification

Trade Name: Press Form Plastic Sheets

Generic Name: \*Vinyl Acetate

Chemical Name: Ethylene Vinyl Acetate Copolymer

Hazardous Components (Specific Chemical Identity Common Name(s))

Exposure Guidelines

CAS Registry Number 108-05-4

Special Notes: \* Disclosure as a toxic chemical is required under section 313 of Title III of the Superfund Amendments and Reauthorization act of 1986 and 40 CFR part 372

OSHA PEL	ACGIH TLV	Other Limits	% Optional
15 mg/m3 8Hr. TWA, total dust	10 ppm 35 mg/m3 8 hr TWA, A3		>99.7
5mg/m3 8Hr TWA respirable dust			<0.03

## Section 3 - Physical / Chemical Characteristics

Boiling Point :

N/A

Specific Gravity

0.93-0.97

Vapor Pressure (mm Hg)

Negligible

Melting Point

N/A

Vapor Density (Air=1)

Not Applicable

Boiling Point Evaporation (Butyl Acetate =1)

N/A

Solubility in Water

Negligible

Appearances and Odor

Physical form: Solid, Translucent to white, slight odor mild ester-like

## Section 4 - Fire &amp; Explosion Hazard Data

Flash Point (Method Used)

260°C (500°F) Cleveland Method: Open Cup

Flammable Limits

LEL

LEL

Extinguishing Media: Water spray ; Foam; Dry chemical; CO<sub>2</sub>

Special Fire Fighting Procedures: Wear self contained breathing apparatus and protective clothing.

**Unusual Fire & Explosion Hazards :** The solid polymer can be combusted only with great difficulty. An electrostatic charge can potentially build up when pouring pellets. Grounding of equipment is recommended. **Complete combustion** gives carbon dioxide and water. **Incomplete combustion** gives in addition carbon monoxide and hydrocarbon oxidation products including organic acids, aldehydes, and alcohols.

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### Section 5 - Reactivity Data

**Stability:** Stable at normal temperatures and storage conditions

**Conditions to Avoid:** temperatures above 230°C for short residence times or Temperatures above 204 °C for long residence times.

**Incompatibility (Materials to Avoid) :** Material can react with strong oxidizing agents and acids

**Hazardous Decomposition or Byproducts:** Vinyl Acetate, acetic acid, carbon monoxide and hydrocarbon oxidation products including organic acids, aldehydes and alcohols.

**Hazardous Polymerization:** Will Not Occur

### Section 6 - Health Hazard Data

**Route(s) of Entry and Symptoms:**

**Ingestion:** The oral LD-50 test in animals showed that no significant amount of polymer was retained by the animals.

**Skin:** No data are available. However, based on experience with handling of polymers, no unusual dermatitis hazard is expected from routine handling. Molten Polymer contacting the skin will cause thermal burns.

**Eye:** Mechanical Irritation.

**Inhalation:** Polymer is not respirable as marketed. At processing temperatures above 204 °C, fumes irritating to the eye, nose and throat may be produced. Exposure may result in redness tearing, and itching in the eyes together with soreness in the nose and throat with coughing.

**Medical Conditions Aggravated by Exposure:** None known

**Emergency and First Aid Procedures:**

**If inhaled** remove to fresh air. If not breathing give artificial respiration. If breathing is difficult , give oxygen. Call a physician.

**Skin Contact:** The compound is not likely to be hazardous by skin contact but cleansing the skin after use is advisable. If molten material gets on skin, cool rapidly with cold water, do not attempt to remove material from skin. Obtain medical treatment for thermal burn.

**Eye Contact:** In case of contact, immediately flush with plenty of water for 15 minutes. Call a physician.

**Ingestion:** No specific intervention is indicated as compound is not likely to be hazardous by ingestion. Consult a physician if necessary.

### Section 7 - Special Precautions

**Steps to be Taken in Case Material is Released or Spilled:** Shovel or sweep up.

**Waste Disposal Method:** Disposal must be in accordance with applicable state/local or federal regulations.

**Precautions to be Taken in Handling and Storing :** See First aid and personal protective equipment sections. Store in a cool dry place

**Other Precautions:** None

## section 8 - Control Measures

**Respiratory Protection (Specify Type):** a NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge with a dust /mist filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

**Ventilation:** Local if processing in air below the PEL

**Special:** Use static control. Static charges may build up and ignite dust or solvent laden atmospheres.

**Mechanical (general)** N/A

**Eye Protection:** Safety Glasses

**Protective Gloves:** N/A

**Other Protective Clothing or Equipment:** Apron or protective clothing

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