

## Jewel-Sil Clear Base

Date of Preparation: December 1, 2015

### Section 1 Chemical Product and Company Identification

#### 1.1 Product identifiers

Product name: Jewel-Sil Clear Base, Number: 2619347, 2619348

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: N/A

#### 1.3 Details of the supplier of the safety data sheet

 Paul H. Gesswein & Co., Inc.  
 201 Hancock Ave.  
 Bridgeport, CT 06605  
 203-366-5400

**Emergency Contact No.**  
**Chemtel**  
**800-255-3924**

HMIS	
<b>H</b>	1
<b>F</b>	1
<b>R</b>	0
<b>PPE</b>	
Sec. 8	

### Section 2 Hazards Identification

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

#### 2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

#### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None.

### Section 3 Composition/Information on Ingredients

#### 3.1 Substance

Proprietary mixture of polyorganosiloxanes, fillers, and additives.

No ingredients are hazardous according to OSHA criteria.

No components need to be disclosed according to the applicable regulations.

### Section 4 First Aid Measures

#### 4.1 Description of first aid measures

##### If inhaled

Move person into fresh air. If not breathing, give artificial respiration.

##### In case of skin contact

Wash off with soap and plenty of water.

##### In case of eye contact

Flush eyes with water as a precaution.

##### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

#### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

## Jewel-Sil Clear Base

### Section 5 Fire Fighting Measures

#### 5.1 Extinguishing media

Suitable extinguishing media: Use alcohol-resistant foam, dry chemical or carbon dioxide.

#### 5.2 Special hazards arising from the substance or mixture

Nature of decomposition products not known.

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### 5.4 Further information

No data available.

### Section 6 Accidental Release Measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapors, mist or gas.

For personal protection see section 8.

#### 6.2 Environmental precautions

Do not let product enter drains.

#### 6.3 Methods and materials for containment and cleaning up

Sweep up and shovel.

Keep in suitable, closed containers for disposal.

### Section 7 Handling and Storage

#### 7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed. Try to avoid creating dust.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store at ambient temperatures in closed containers. This material can catch fire if overheated. Do not heat this material above the flash point. Keep away from flame and open electrical coils. No chemical incompatibilities.

### Section 8 Exposure Controls/Personal Protection

#### 8.1 Control parameters

##### Components with workplace control parameters

None

#### 8.2 Exposure controls

##### Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits (see below). An eye wash station and safety shower should be located near the workstation.

#### 8.3 Personal protective equipment

##### Eye/face protection

With product at ambient temperatures, use safety glasses equipped with side shields.

#### 8.4 Skin protection

##### Hand Protection

With product at ambient temperatures, use disposable nitrile, neoprene or butyl rubber gloves with repeated or prolonged use.

## Jewel-Sil Clear Base

### Section 8 Exposure Controls/Personal Protection cont.

#### Body Protection

Prevent skin contact. Wear suitable protective clothing.

#### 8.5 Respiratory Protection

The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

#### 8.6 Safety Stations

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

#### 8.7 General Hygienic Practices

Avoid breathing dust, vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

### Section 9 Physical and Chemical Properties

#### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Viscous translucent liquid
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting Point</b>	No data available
<b>VOC Content</b>	0
<b>Initial boiling point &amp; boiling range</b>	No data available
<b>Flash Point(COC)</b>	397°F (203°C)
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/lower flammability</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density (g/cc)</b>	No data available
<b>Water Solubility</b>	Insoluble
<b>Coefficient: n-octanol/ water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Explosive Properties</b>	None
<b>Oxidizing Properties</b>	None
<b>% Volatile</b>	0

### Section 10 Stability and Reactivity

#### 10.1 Reactivity

None.

#### 10.2 Chemical stability

Stable under recommended storage conditions.

## Jewel-Sil Clear Base

### Section 10 Stability and Reactivity cont.

#### 10.3 Possibility of hazardous reactions

None.

#### 10.4 Conditions to avoid

Heat and open flames.

#### 10.5 Incompatible materials

None.

#### 10.6 Hazardous decomposition products

Thermal oxidative decomposition can produce CO and CO<sub>2</sub> and formaldehyde.

### Section 11 Toxicological Information

#### 11.1 Information on toxicological effects

**Acute toxicity** No data available

**Inhalation** No data available

**Dermal** No data available

**Skin corrosion/irritation** No data available

**Serious eye damage/eye irritation** No data available

**Respiratory or skin sensitization** No data available

**Germ cell mutagenicity** No data available

**Carcinogenicity**

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

**ACGIH** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

**Reproductive toxicity** No data available

**Specific target organ toxicity  
- single exposure** No data available

**Specific target organ toxicity  
- repeated exposure** No data available

**Aspiration hazard** No data available

### Section 12 Ecological Information

**12.1 Toxicity** No data available

**12.2 Persistence and degradability** No data available

**12.3 Bioaccumulative potential** No data available

**12.4 Mobility in soil** No data available

**12.5 Results of PBT & vPvB assessment** No data available

## Jewel-Sil Clear Base

### Section 13 Disposal Considerations

#### 13.1 Disposal

Use safety containers for disposal. Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

### Section 14 Transport Information

**DOT:** Not regulated

**IMDG:** Not regulated

**IATA:** Not regulated

### Section 15 Regulatory Information

#### 15.1 US Federal Regulations

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed

RCRA Hazardous Waste Classification (40 CFR 261): Not classified

CERCLA Hazardous Substance (40 CFR 302.4): Listed/unlisted specific per RCRA Sec. 3001

SARA 311/312 Codes: No hazard categories identified

SARA Toxic Chemical (40 CFR 372.65): No components were identified

TSCA Inventory Status: All ingredients listed on TSCA inventory requirements

#### 15.2 State Regulations

California Proposition 65: Not listed

### Section 16 Other Information

#### 16.1 Disclaimer

The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict of liability arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.

# Safety Data Sheet

## Jewel-Sil Clear Catalyst

Date of Preparation: December 1, 2015

### Section 1 Chemical Product and Company Identification

#### 1.1 Product identifiers

Product name: Jewel-Sil Clear Catalyst

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: N/A

#### 1.3 Details of the supplier of the safety data sheet

Freeman Manufacturing and Supply Company

1101 Moore Road, Avon, OH 44011

Phone (440) 934-1902

FAX (440) 934-7200

#### 1.4 Emergency telephone number

Emergency Phone (800) 424-9300

HMIS	
H	1
F	1
R	1
PPE	
Sec. 8	

### Section 2 Hazards Identification

#### 2.1 Classification of the substance or mixture

##### GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

Reproductive Toxicity, Category 2

#### 2.2 GHS Label elements, including precautionary statements



Signal word

Warning

#### Hazard statements

Suspected of damaging fertility or the unborn child.

Not classified as an environmental hazard under GHS criteria.

#### Precautionary statements

##### Prevention

Keep container tightly closed when not in use.

Wear protective gloves/eye protection/face protection.

Do not eat, drink or smoke when using this product.

##### Response

If on skin: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

If in eyes: Rinse continuously with water for at least 15 minutes.

Remove contact lenses, if present and easy to do.

If eye irritation persists: Get medical attention.

## Jewel-Sil Clear Catalyst

### Section 2 Hazards Identification cont.

#### Storage

Store in a well-ventilated place. Keep cool.

#### Disposal

Dispose of contents and container to an appropriate waste site in accordance with local and national regulations.

#### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None.

### Section 3 Composition/Information on Ingredients

#### 3.1 Substance

Ingredient Name	CAS Number
Octamethylcyclotetrasiloxane	556-67-2

### Section 4 First Aid Measures

#### 4.1 Description of first aid measures

##### If inhaled

Move person into fresh air. If not breathing, give artificial respiration.

##### In case of skin contact

Wash off with soap and plenty of water. Get medical attention if symptoms occur.

##### In case of eye contact

Flush eyes with water for at least 15 minutes. Get medical attention immediately

##### If swallowed

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Provided the patient is conscious, wash out mouth with water. Get medical attention if symptoms appear.

#### 4.2 Most important symptoms and effects, both acute and delayed

None known

#### 4.3 Indication of any immediate medical attention and special treatment needed

##### Treatment

No specific recommendations.

### Section 5 Fire Fighting Measures

#### 5.1 Extinguishing media

Suitable extinguishing media: Use alcohol-resistant foam, dry chemical or carbon dioxide.

#### 5.2 Special hazards arising from the substance or mixture

Product may generate hydrogen gas, which can form explosive mixtures with air.

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### 5.4 Further information

No data available.

## Jewel-Sil Clear Catalyst

### Section 6 Accidental Release Measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, or mist.  
For personal protection see section 8.

#### 6.2 Environmental precautions

Do not let product enter drains.

#### 6.3 Methods and materials for containment and cleaning up

Sweep up and shovel.  
Keep in suitable, closed containers for disposal.

### Section 7 Handling and Storage

#### 7.1 Precautions for safe handling

Use normal precautions when handling flammable materials. Do not breathe fumes or vapor. Do not allow material to contact skin.  
Provide appropriate exhaust ventilation.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store at ambient temperatures in closed containers. Do not heat this material above the flash point. No chemical incompatibilities.

### Section 8 Exposure Controls/Personal Protection

#### 8.1 Control parameters

##### Components with workplace control parameters

None

#### 8.2 Exposure controls

##### Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits. An eye wash station and safety shower should be located near the workstation.

#### 8.3 Personal protective equipment

##### Eye/face protection

With product at ambient temperatures, use safety glasses equipped with side shields.

#### 8.4 Skin protection

##### Hand Protection

With product at ambient temperatures, use disposable nitrile gloves.  
Contaminated gloves should be replaced.

##### Body Protection

Prevent skin contact when handling material.

#### 8.5 Respiratory Protection

The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

#### 8.6 Safety Stations

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



## Jewel-Sil Clear Catalyst

### Section 8 Exposure Controls/Personal Protection cont.

#### 8.7 General Hygienic Practices

Avoid breathing vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

### Section 9 Physical and Chemical Properties

#### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Clear mobile liquid
<b>Odor</b>	Mild
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting Point</b>	No data available
<b>VOC Content</b>	No data available
<b>Initial boiling point &amp; boiling range</b>	No data available
<b>Flash Point(COC)</b>	>200°C (>392°F)
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/lower flammability</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density (g/cc)</b>	1.04±0.05
<b>Water Solubility</b>	Slight
<b>Coefficient: n-octanol/ water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Explosive Properties</b>	None
<b>Oxidizing Properties</b>	None
<b>% Volatile</b>	No data available

### Section 10 Stability and Reactivity

#### 10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

#### 10.2 Chemical stability

Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

None

#### 10.4 Conditions to avoid

Heat and open flames.

#### 10.5 Incompatible materials

Water, alcohols, amines, bases, and acids.

#### 10.6 Hazardous decomposition products

Hydrogen gas may be generated.

## Jewel-Sil Clear Catalyst

### Section 11 Toxicological Information

#### 11.1 Information on toxicological effects

<b>Acute Oral toxicity</b>	No data available
<b>Acute Inhalation toxicity</b>	No data available
<b>Acute Dermal toxicity</b>	No data available
<b>Skin corrosion/irritation</b>	No data available
<b>Serious eye damage/eye irritation</b>	No data available
<b>Respiratory or skin sensitization</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

**ACGIH** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

**Reproductive toxicity** Suspected human reproductive toxicant  
Overexposure may cause reproductive disorder(s)  
based on tests with laboratory animals.

**Specific target organ toxicity**  
- single exposure None expected

**Specific target organ toxicity**  
- repeated exposure None expected

### Section 12 Ecological Information

<b>12.1 Toxicity</b>	No data available
<b>12.2 Persistence and degradability</b>	No data available
<b>12.3 Bioaccumulative potential</b>	No data available
<b>12.4 Mobility in soil</b>	No data available
<b>12.5 Results of PBT &amp; vPvB assessment</b>	No data available

### Section 13 Disposal Considerations

#### 13.1 Disposal

Use safety containers for disposal. Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

### Section 14 Transport Information

**DOT:** Liquid Resin N.O.I Not Regulated

**IMDG:** Liquid Resin N.O.I Not Regulated

**IATA:** Liquid Resin N.O.I Not Regulated

#### Special precautions for user:

Packaging with a breathing/venting bung are FORBIDDEN for transport by air.

## Jewel-Sil Clear Catalyst

### Section 15 Regulatory Information

#### 15.1 US Federal Regulations

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed

RCRA Hazardous Waste Classification (40 CFR 261): Not classified

CERCLA Hazardous Substance (40 CFR 302.4): Listed/unlisted specific per RCRA Sec. 3001

SARA 311/312 Codes: Chronic Health, Reactive

SARA Toxic Chemical (40 CFR 372.65): No components were identified

TSCA Inventory Status: All ingredients listed on TSCA inventory requirements.

#### 15.2 State Regulations

California Proposition 65: Not listed

### Section 16 Other Information

#### 16.1 Disclaimer

The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict of liability arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.