SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

IDENTIFICATION of the SUBSTANCE or PREPARATION

<table>
<thead>
<tr>
<th>TRADE NAME (AS LABELED):</th>
<th>Pecora 860 Glazier’s and Contractor’s Silicone Sealant</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT DESCRIPTION:</td>
<td>High Performance Silicone Sealant</td>
</tr>
<tr>
<td>CHEMICAL NAME/CLASS:</td>
<td>Silicone</td>
</tr>
<tr>
<td>SYNONYMS:</td>
<td>None</td>
</tr>
<tr>
<td>RELEVANT USE:</td>
<td>Glazing and Sealing Applications/Caulking</td>
</tr>
<tr>
<td>USES ADVISED AGAINST:</td>
<td>Other Than Relevant Use</td>
</tr>
</tbody>
</table>

COMPANY/UNDERTAKING IDENTIFICATION:

<table>
<thead>
<tr>
<th>SUPPLIER/MANUFACTURER’S NAME:</th>
<th>Pecora Corporation</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDRESS:</td>
<td>165 Wambold Road, Harleysville, PA 19438</td>
</tr>
<tr>
<td>EMERGENCY PHONE:</td>
<td>800-424-9300 (CHEMTREC, 24-hours)</td>
</tr>
<tr>
<td>BUSINESS PHONE:</td>
<td>215-723-6051 (Mon–Fri, 8 AM–5 PM ET)</td>
</tr>
</tbody>
</table>

PREPARATION DATE: April 2007
REVISION DATE: October 2, 2014

This product is sold for commercial use. This SDS has been developed to address safety concerns of those individuals working with bulk quantities of this material, as well as those of potential users of this product in industrial/occupational settings. ALL United States Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalent Standards, and Canadian WHMIS [Controlled Products Regulations] and the Global Harmonization Standard required information is included in appropriate sections based on the U.S. ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the countries listed above.

2. HAZARD IDENTIFICATION

GLOBAL HARMONIZATION LABELING AND CLASSIFICATION: This product has been classified per GHS Standards.

Classification: Acute Oral Toxicity Cat. 5, Eye Irritation Cat. 2B, Skin Irritation Cat. 3
Signal Word: Warning
Precautionary Statement Codes: P264, P280, P305 + P351 + P338, P337 + P313, P332 + P313, P314, P321
Hazard Symbols/Pictogram: GHS07

EMERGENCY OVERVIEW:

Physical Description: This product is a black, bronze, metallic aluminum, Tru-White, or translucent paste, with a slight vinegar odor.

Health Hazards: CAUTION! May cause eye, skin, and respiratory tract irritation, especially if exposure is prolonged. May be harmful if ingested. Chronic contact inhalation of iron compounds can cause siderosis. Contact with pigmented products may stain the skin. Contains compounds with carcinogenic potential.

Flammability Hazard: This product must be highly heated for a prolonged period in order to ignite.
Reactivity Hazard: This product is not reactive. Contact with water can cause formation of acetic acid by hydrolysis.

Environmental Hazard: This product has not been tested for environmental impact. May cause harm to aquatic organisms if released to the environment when the product contains the Copper Phthalocyanine component.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS®)

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>See Section 16 for definitions of ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td></td>
<td>0 = Minimal 3 = Serious</td>
</tr>
<tr>
<td>Flammability</td>
<td></td>
<td>1 = Slight 4 = Severe</td>
</tr>
<tr>
<td>Physical Hazard</td>
<td></td>
<td>2 = Moderate * = Chronic</td>
</tr>
</tbody>
</table>

HMIS® is a registered trademark of the National Paint and Coatings Association.

CANADIAN WHMIS CLASSIFICATION: Class D2B. See Section 15 (Regulatory Information) for all classification details.

U.S. OSHA REGULATORY STATUS: This material has a classification under the Global Harmonization Standard, as applied under OSHA regulations, as given earlier in this Section.
3. MATERIAL IDENTIFICATION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>W/W %</th>
<th>LABEL ELEMENTS</th>
<th>GHS Classification</th>
<th>Hazard Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary Silicone Polymer</td>
<td></td>
<td>60.0-70.0</td>
<td>SELF CLASSIFICATION</td>
<td>Classification: Not Applicable</td>
<td></td>
</tr>
<tr>
<td>Silica Amorphous</td>
<td>7631-86-9</td>
<td>7.0-13.0</td>
<td>SELF CLASSIFICATION</td>
<td>Classification: Not Applicable</td>
<td></td>
</tr>
<tr>
<td>Ethyltriacetoxysilane</td>
<td>17689-77-9</td>
<td>1.0-5.0</td>
<td>SELF CLASSIFICATION</td>
<td>Classification: Skin Corrosion Cat. 1B</td>
<td>Hazard Statement Codes: H314</td>
</tr>
<tr>
<td>Methyltriacetoxysilane</td>
<td>4253-34-3</td>
<td>1.0-5.0</td>
<td>SELF CLASSIFICATION</td>
<td>Classification: Acute Oral Toxicity Cat. 5, Skin Irritation Cat. 2, Eye Irritation Cat. 2A, STOT (Inhalation-Respiratory Irritation) Cat. 3</td>
<td>Hazard Statement Codes: H303, H315, H319, H335</td>
</tr>
<tr>
<td>Proprietary Silicone Polymer</td>
<td></td>
<td>1.0-5.0</td>
<td>SELF CLASSIFICATION</td>
<td>Classification: Not Applicable</td>
<td></td>
</tr>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>0.0-2.0</td>
<td>SELF CLASSIFICATION</td>
<td>Classification: Carcinogenic Cat. 2</td>
<td>Hazard Statement Codes: H351</td>
</tr>
<tr>
<td>Copper Phthalocyanine</td>
<td>147-14-8</td>
<td>0.0-2.0</td>
<td>SELF CLASSIFICATION</td>
<td>Classification: Aquatic Acute Cat. 2</td>
<td>Hazard Statement Codes: H401</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>0.0-2.0</td>
<td>SELF CLASSIFICATION</td>
<td>Classification: Carcinogenic Cat. 2</td>
<td>Hazard Statement Codes: H351</td>
</tr>
<tr>
<td>Iron Oxide</td>
<td>1332-37-2</td>
<td>0.0-1.0</td>
<td>SELF CLASSIFICATION</td>
<td>Classification: Not Applicable</td>
<td></td>
</tr>
<tr>
<td>Other Proprietary Components</td>
<td></td>
<td>Balance</td>
<td>Classification: Not Determined</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See Section 16 for full text of classification

4. FIRST-AID MEASURES

PROTECTION OF FIRST AID RESPONDERS: Rescuers should not attempt to retrieve victims of exposure to this material without adequate personal protective equipment. Rescuers should be taken for medical attention, if necessary.

DESCRIPTION OF FIRST AID MEASURES: Remove victim(s) to fresh air, as quickly as possible. Only trained personnel should administer supplemental oxygen and/or cardio-pulmonary resuscitation, if necessary. Remove and isolate contaminated clothing and shoes. Seek immediate medical attention. Take copy of label and MSDS to physician or other health professional with victim(s).

Inhalation: If dusts of this material are inhaled, remove victim to fresh air. If necessary, use artificial respiration to support vital functions.

Skin Exposure: If the material contaminates the skin, immediately begin decontamination with running water. Minimum flushing is for 20 minutes.

Do not interrupt flushing. Remove exposed or contaminated clothing, taking care not to contaminate eyes. Victim must seek immediate medical attention.

Eye Exposure: If this product enters the eyes, open victim's eyes while under gently running water. Use sufficient force to open eyelids. Have victim "roll" eyes. Minimum flushing is for 20 minutes. Do not interrupt flushing.

Ingestion: If this material is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. DO NOT INDUCE VOMITING, unless directly by medical personnel. Have victim rinse mouth with water or give several cupsfuls of water, if conscious. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or unable to swallow. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain an open airway and prevent aspiration.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Dermatitis or other pre-existing skin disorders may be aggravated by overexposures to this product.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED: Treat symptoms and eliminate overexposure.

5. FIRE-FIGHTING MEASURES

FLASH POINT (closed cup): > 100°C (> 212°F)  AUTOIGNITION: Unknown.

FLAMMABLE LIMITS IN AIR: Unknown.

EXTINGUISHING MEDIA:
- Suitable Extinguishing Media: Use extinguishing material suitable to the surrounding fire, including foam, halon, carbon dioxide and dry chemical.
- Unsuitable Extinguishing Media: None known.

PROTECTION OF FIREFIGHTERS:
- Special Hazards Arising From the Substance: This product is combustible and can be ignited when exposed to its flashpoint or if highly heated for a prolonged period. Not sensitive to mechanical impact under normal conditions. Not sensitive to static discharge under normal conditions. Closed containers may develop pressure and rupture in event of fire.
- Special Protective Actions For Fire-Fighters: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Move containers from fire area if it can be done without risk to personnel. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

See Section 16 for Definitions of Ratings

Pecora 860 Glazier’s and Contractor’s Silicon Sealant  Page 2 of 9  October 2, 2014
6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS AND EMERGENCY PROCEDURES: Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. Eliminate any possible sources of ignition, and provide maximum explosion-proof ventilation. Use only non-sparking tools and equipment during the response. The atmosphere must at least 19.5 percent Oxygen before non-emergency personnel can be allowed in the area without Self-Contained Breathing Apparatus and fire protection.

PERSONAL PROTECTIVE EQUIPMENT: Responders should wear the level of protection appropriate to the type of chemical released, the amount of the material spilled, and the location where the incident has occurred.

Small Spills: For releases of 1 drum or less, Level D Protective Equipment (gloves, chemical resistant apron, boots, and eye protection) should be worn.

Large Spills: Minimum Personal Protective Equipment should be rubber gloves, rubber boots, face shield, and Tyvek suit. Minimum level of personal protective equipment for releases in which the level of oxygen is less than 19.5% or is unknown must be Level B: triple-gloves (rubber gloves and nitrile gloves over latex gloves), chemical resistant suit, fire-retardant clothing and boots, hard hat, and Self-Contained Breathing Apparatus.

METHODS FOR CLEAN-UP AND CONTAINMENT:

All Spills: Access to the spill area should be restricted. Spread should be limited by gently covering the spill with polypads. Scrape up or pick-up spilled material, placing in suitable containers. Absorb any residual on appropriate material, such as sand. All contaminated absorbents and other materials should be placed in an appropriate container and seal. Do not mix with wastes from other materials. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations). Dispose of recovered material and report spill per regulatory requirements. Remove all residue before decontamination of spill area. Clean spill area with soap and copious amounts of water.

ENVIRONMENTAL PRECAUTIONS: Minimize use of water to prevent environmental contamination. Prevent spill or rinsate from contaminating storm drains, sewers, soil or groundwater. Place all spill residues in a suitable container and seal. Do not discharge effluent containing this product into streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority. For guidance, contact your State Water Board or Regional Office of the EPA.

OTHER INFORMATION: U.S. regulations may require reporting of spills of this material that reach surface waters if a sheen is formed. If necessary, the toll-free phone number for the US Coast Guard National Response Center is 1-800-424-8802.

REFERENCE TO OTHER SECTIONS: See information in Section 8 (Exposure Controls – Personal Protection) and Section 13 (Disposal Considerations) for additional information.

7. HANDLING and STORAGE

PRECAUTIONS FOR SAFE HANDLING: As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat or drink while handling this material. Avoid contact with eyes, skin, and clothing. Avoid breathing fumes, dusts, vapors or mist. Do not taste or swallow. Use only with adequate ventilation. Keep away from heat and flame. In the event of a spill, follow practices indicated in Section 6: ACCIDENTAL RELEASE MEASURES.

CONDITIONS FOR SAFE STORAGE: This product is stable under ordinary conditions of handling, use and storage. Store containers in a cool, dry location, away from direct sunlight, sources of intense heat, or where freezing is possible. Store away from incompatible materials (see Section 10: STABILITY AND REACTIVITY). Keep container tightly closed when not in use. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged. To prolong shelf life, store at temperatures below 26°C (80°F).

PRODUCT END USE: This product is used as a sealant. Follow all industry standards for use of this product.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/CONTROL PARAMETERS:

Ventilation and Engineering Controls: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below.

Occupational/Workplace Exposure Limits/Guidelines:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>Guideline</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>ACGIH TLV TWA</td>
<td>3 mg/m³ inhalable fraction</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL TWA</td>
<td>3.5 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH REL TWA</td>
<td>3.5 mg/m³ (0.1 mg/m³ in presence of PAHs) (see NIOSH Pocket Guide Appendix C)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH IDLH</td>
<td>1750 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DFG MAK TWA</td>
<td>As inhalable dust</td>
</tr>
<tr>
<td>Copper Phthalocyanine</td>
<td>147-14-8</td>
<td>ACGIH TLV TWA</td>
<td>Dusts &amp; Mists: 1 mg/m³; Fume: 0.2 mg/m³</td>
</tr>
<tr>
<td>Exposure limits are for dusts and mists as Cu and fume</td>
<td></td>
<td>OSHA PEL TWA</td>
<td>Dusts &amp; Mists: 1 mg/m³; Fume: 0.1 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH REL TWA</td>
<td>Dusts &amp; Mists: 1 mg/m³; Fume: 0.1 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH IDLH</td>
<td>100 mg/m², as Cu</td>
</tr>
<tr>
<td>Ethyltriacetoxysilane</td>
<td>17689-77-9</td>
<td>OSHA PEL TWA</td>
<td>15 mg/m² total dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH REL TWA</td>
<td>5 mg/m² respirable fraction</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10 mg/m² total dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5 mg/m² respirable fraction</td>
</tr>
<tr>
<td>Iron Oxide</td>
<td>1332-37-2</td>
<td>ACGIH TLV TWA</td>
<td>5 mg/m³ respirable fraction</td>
</tr>
<tr>
<td>Exposure limits given are for Iron Oxide</td>
<td></td>
<td>OSHA PEL TWA</td>
<td>10 mg/m³ fume</td>
</tr>
<tr>
<td>CAS # 1309-37-1</td>
<td></td>
<td>NIOSH REL TWA</td>
<td>5 mg/m³ dust and fume, as Fe</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH IDLH</td>
<td>2500 mg/m³, as Fe</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DFG MAK TWA</td>
<td>With the exception of iron oxides which are not biologically available</td>
</tr>
</tbody>
</table>

NE = Not Established. See Section 16 for Definitions of Terms Used.
8. EXPOSURE CONTROLS - PERSONAL PROTECTION (Continued):

EXPOSURE LIMITS/CONTROL PARAMETERS (continued):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>Guiding</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyltriacetoxysilane</td>
<td>4253-34-3</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Proprietary Silicone Polymer</td>
<td></td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Proprietary Silicone Polymer</td>
<td></td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Silica Amorphous</td>
<td>7631-86-9</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>OSHA PEL TWA</td>
<td>10 mg/m³ NIC: 1 mg/m³</td>
</tr>
</tbody>
</table>

NE = Not Established. See Section 16 for Definitions of Terms Used.


Eye/Face Protection: Use approved safety goggles or safety glasses. If necessary, refer to appropriate regulations and standards.

Skin Protection: Wear chemical impervious gloves (e.g., Nitrile or Neoprene). Use triple gloves for spill response. If necessary, refer to appropriate regulations and standards.

Body Protection: Use body protection appropriate for task (e.g., lab coat, coveralls, Tyvek suit). If necessary, refer to the OSHA Technical Manual (Section VII: Personal Protective Equipment) or appropriate Standards of Canada. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee’s feet may be exposed to electrical hazards, refer to appropriate regulations and standards.

Respiratory Protection: If mists or sprays from this product are created during use, use appropriate respiratory protection. If necessary, use only respiratory protection authorized in appropriate regulations. Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres, use of a full-facepiece pressure-demand SCBA or a full facepiece, supplied air respirator with auxiliary self-contained air supply is required under appropriate regulations and standards.

9. PHYSICAL and CHEMICAL PROPERTIES

FORM: Smooth paste.
MOLECULAR WEIGHT: Mixture.
ODOR: Slightly solvent.
SPECIFIC GRAVITY @ 25°C: 1.007
RELATIVE VAPOR DENSITY (air = 1): > 1
SOLUBILITY IN WATER: Soluble.
MELTING/FREEZING POINT: Not available.
VOC (less water and exempt): 31 g/L
FLASH POINT (°C): > 100°C (> 212°F)
COLOR: Black, bronze, metallic aluminum, Tru-White, or translucent.
MOLECULAR FORMULA: Mixture.
ODOR THRESHOLD: Not available.
VAPOR PRESSURE, mm Hg @ 20°C: Not established.
EVAPORATION RATE (BuAc = 1): < 1
OTHER SOLUBILITIES: Not available.
BOILING POINT: Not established.
WEIGHT % VOC: Not established.
AUTOIGNITION TEMPERATURE: Not established.

pH: Not available.
FLAMMABLE LIMITS (in air by volume, %): Lower: Not established; Upper: Not established.
COEFFICIENT OF OIL/WATER DISTRIBUTION (PARTITION COEFFICIENT): Not established.
HOW TO DETECT THIS SUBSTANCE (IDENTIFYING PROPERTIES): The appearance of this product may act as an identifying property in the event of an accidental release.

10. STABILITY and REACTIVITY

CHEMICAL STABILITY: Stable under normal circumstances of use and handling.
INCOMPATIBLE MATERIALS: This product is not compatible with strong acids and oxidizers and may have some compatibility with aluminum, ammonium salts.
HAZARDOUS DECOMPOSITION PRODUCTS: Combustion: Thermal decomposition of this product can generate dusts, irritating fumes, and toxic gases (e.g., acetic acid, acetic anhydride, methyl acetate, and methane, carbon, nitrogen, iron, titanium, vanadium, bismuth and silicone oxides, formaldehyde, hydrogen, various hydrocarbons). Hydrolysis: Acetic acid.
POSSIBILITY OF HAZARDOUS REACTIONS/POLYMERIZATION: This product is not expected to undergo hazardous polymerization, decomposition, condensation, or self-reactivity.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS: The most significant routes of occupational overexposure are inhalation and contact with skin and eyes. The symptoms of overexposure to this product are as follows:
Contact with Skin or Eyes: Contact may mildly irritate the skin and cause redness and discomfort. Prolonged or repeated skin contact may cause dermatitis (dry, red skin). Eye contact may cause redness, pain, and tearing.
Skin Absorption: The components of this product are not known to be absorbed through intact skin.
Ingestion: If the product is swallowed, irritation of the mouth, throat, and other tissues of the gastro-intestinal system may occur and may cause nausea, vomiting, and diarrhea.

Pecora 860 Glazier’s and Contractor’s Silicon Sealant Page 4 of 9 October 2, 2014
11. TOXICOLOGICAL INFORMATION (Continued)

INHALATION: Overexposure to vapors of this product generated during curing, or dusts of this product generated during use after curing may mildly irritate the respiratory tract and cause coughing and sneezing. Vapors or fumes when used in an enclosed space, if heated during curing may cause irritation of the respiratory system. Symptoms include nose irritation, dry or sore or burning throat, runny nose, shortness of breath.

Injection: Accidental injection of this product (e.g. puncture with a contaminated object) may cause burning, redness, and swelling in addition to the wound.

TARGET ORGANS: Acute: Skin, eyes. Chronic: Skin.

CHRONIC EFFECTS: Prolonged or repeated skin contact may cause dermatitis (dry, red skin).

TOXICITY DATA: There are currently no toxicity data available for this product; the following toxicology information is available for components greater than 1% in concentration.

CARBON BLACK (continued):

DNA Adduct (Inhalation-Mouse) 6200 µg/gm/16 hours/12 weeks intermittent
DNA Damage (Human Lymphocytes) 16 µL/g/48 hours
DNA Damage (Inhalation-Rat) 50 µg/L/13 weeks intermittent
DNA Damage (Inhalation-Rat) 50 µg/L/13 weeks intermittent

COPPER PHthalocyanine:

LD (Oral-Rat) > 15 gm/kg

COPPER PHthalocyanine:

LD (Intraportal-Renal) > 3 gm/kg

PROPRIOETARY SILICONE POLYMER:

Standard Draize Test (Skin) Mouse) 7 days/24 hours: Mild
Standard Draize Test (Eye) Rabbit) 100 µL/24 hours: Mild
LD (Oral-Rat) > 24 gm/kg: Gastrointestinal: hypermotility, diarrhea
LD (Oral-Rat) > 17 gm/kg: Kidney/Uretter/Bladder: other changes; Nutritional and Gross Metabolism: other changes
LD (Skin-Rabbit) > 2 gm/kg: Behavioral: food intake (animal); Gastrointestinal: hypermotility, diarrhea; Skin and Appendages: dermatitis, other (after systemic exposure)
LD (Intraskeletal-Rat) > 1200 µL/kg: Immunological Including Allergic: increase in humoral immune response
LD (Intraperitoneal-Mouse) 10-20,000 mg/kg
LD (Intraportal-Mouse) 16 mg/kg: Gastrointestinal: hypermotility, diarrhea, Immunological Including Allergic: decrease in cellular: decrease in humoral immune response
LD (Oral-Rat) 1800 mg/kg/26 weeks-continuous: Lungs, Thorax, or Respiration: changes in lung weight; Liver: changes in liver weight; Kidney/Uretter/Bladder: other changes in urine composition
LD (Oral-Rat) 227 mg/kg: Sense Organs and Special Senses (Eye) corneal damage; Behavioral: food intake (animal); Blood: changes in serum composition (e.g. TP, bilirubin, cholesterol)
LD (Subcutaneous-Rat) 10 mg/kg: female 6-15 day(s) after conception: Reproductive: Specific Developmental Abnormalities: musculoskeletal system
LD (Subcutaneous-Rat) 8 mg/kg: female 15-22 day(s) after conception: Reproductive: Effects on Newborn: stillbirth
LD (Subcutaneous-Rabbit) 260 mg/kg: female 6-18 day(s) after conception: Reproductive: Effects on Embryo or Fetus: fetal death; Reproductive: Specific Developmental Abnormalities: body wall

PROPRIETARY SILICONE POLYMER:

LD (Oral-Rat) > 64 mL/kg: Gastrointestinal: other changes; Liver: other changes; Nutritional and Gross Metabolism: other changes
LD (Oral-Rat) > 15,400 mg/kg: Sense Organs and Special Senses (Eye): ptosis; Behavioral: hypermotility, diarrhea; Blood: changes in serum composition (e.g. electrolytes, bilirubin, cholesterol)
LD (Skin) > 16 mL/kg: Kidney/Uretter/Bladder: other changes; Nutritional and Gross Metabolism: other changes
LD (Skin-Rabbit) > 2 gm/kg
LD (Intraperitoneal-Rat) > 8750 mg/m³/7 hours: Lungs, Thorax, or Respiration: other changes

SILICA AMORPHOUS:

Standard Draize Test (Eye) Rabbit) 25 mg/24 hours: mild
LD (Intranasal-Rat) > 200 mg/m³/1 hour: Lungs, Thorax, or Respiration: fibrosis, focal (pneumoniosis)
LC (Inhalation-Rat) > 2190 mg/m³/4 hours: Lungs, Thorax, or Respiration: dyspnea
LD (Inhalation-Rat) 30 mg/m³/6 hours/6 weeks-continuous: Sense Organs and Special Senses /Eye: lacrimation; Lungs, Thorax, or Respiration: pulmonary emboli; Gastrointestinal: changes in structure or function of salivary glands
LD (Inhalation-Rat) 24-45 mg/m³/75 days-continuous: Lungs, Thorax, or Respiration: other changes; Biochemical: Metabolism (Intermediate): effect on inflammation or medication of inflammation
LD (Intraperitoneal-Rat) 5 gm/kg: Nutritional and Gross Metabolism: other changes
LD (Intraperitoneal-Dog) 224 mg/kg/4 weeks-continuous: Gastrointestinal: hypermotility, diarrhea; Kidney/Uretter/Bladder: urine volume increased
LD (Intrathoracic-Rat) 1 mg/kg: Lungs, Thorax, or Respiration: other changes; Biochemical: Metabolism (Intermediate): effect on inflammation or medication of inflammation

TITANIUM DIOXIDE:

Standard Draize Test (Skin/Human) 300 µg/7 days-continuous: Mild
TC (Inhalation-Rat) 10 mg/m³/18 hours/2 years intermittent: Tumorigenic: carcinogenic by RTECS criteria; Lungs, Thorax, or Respiration: tumors
LD (Intrathoracic-Rat) > 100 mg/kg: Lungs, Thorax, or Respiration: structural or functional change in trachea or bronchi; Blood: changes in serum composition (e.g. TP, bilirubin, cholesterol); Biochemical: Enzyme inhibition, induction, or change in blood or tissue levels: other Enzymes
TD (Intranasal-Rat) 260 mg/kg/84 weeks-continuous: Tumorigenic: equivocal tumorigenic agent by RTECS criteria; Blood: lymphoma, including Hodgkin's disease; Tumorigenic: tumors at site of application
LD (Oral-Rat) 60 mg/kg: Gastrointestinal: hypermotility, diarrhea, other changes
TD (Intranasal-Rat) > 360 mg/kg/2 years-continuous: Tumorigenic: neoplastic by RTECS criteria; Blood: lymphoma, including Hodgkin's disease; Tumorigenic: tumors at site of application

PECORA 860 GLAZIER'S and CONTRACTOR'S SILICONE SEALANT

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11. TOXICOLOGICAL INFORMATION (Continued)

TOXICITY DATA (continued):

TITANIUM DIOXIDE (continued):
TDLo (Intratracheal-Rat) 1.25 mg/kg; Vascular: regional or general arteriolar constriction; Lungs, Thorax, or Respiratory: other changes
TDLo (Intratracheal-Rat) 0.5 mg/kg; Lungs, Thorax, or Respiration: other changes; Biochemical: Metabolism (Intermediary): effect on inflammation or mediation of inflammation
TDLo (Intratracheal-Mouse) 100 mg/kg; Tumorigenic: increased incidence of tumors in susceptible strains

TCLo (Inhalation-Rat) 1 mg/kg; Lungs, Thorax, or Respiration: other changes; Biochemical: Metabolism (Intermediary): effect on inflammation or mediation of inflammation
TCLo (Intratracheal-Rat) 25 mg/m³/6 hours/4 weeks-intermittent: Lungs, Thorax, or Respiration: chronic pulmonary edema; other changes; Biochemical: Metabolism (Intermediary); effect on inflammation or mediation of inflammation
TCLo (Intratracheal-Rat) 10 mg/m³/6 hours/13 weeks-intermittent: Lungs, Thorax, or Respiration: structural or functional change in trachea or bronchi
TCLo (Inhalation-Rat) 10 mg/m³/6 hours/13 weeks-intermittent: Lungs, Thorax, or Respiration: fibrosis (interstitial), other changes; Biochemical: Metabolism (Intermediary): effect on inflammation or mediation of inflammation
TCLo (Intratracheal-Rat) 10 mg/m³/13 weeks-intermittent: Lungs, Thorax, or Respiration: other changes; Biochemical: Metabolism (Intermediary): effect on inflammation or mediation of inflammation
TCLo (Intratracheal-Rat) 50 mg/m³/13 weeks-intermittent: Lungs, Thorax, or Respiration: Blood: changes in cell count (unspecified); Biochemical: Enzyme inhibition, induction, or change in blood or tissue levels: dehydrogenases
TCLo (Intratracheal-Rat) 250 mg/m³/13 weeks-intermittent: Lungs, Thorax, or Respiration: other changes; Blood: changes in cell count (unspecified); Biochemical: Enzyme inhibition, induction, or change in blood or tissue levels: dehydrogenases
TCLo (Intratracheal-Rat) 274 mg/m³/5 days-intermittent: Lungs, Thorax, or Respiration: changes in lung weight; Biochemical: Enzyme inhibition, induction, or change in blood or tissue levels: multiple enzyme effects; Metabolism (Intermediary): effect on inflammation or mediation of inflammation

CARCINOGENIC POTENTIAL: The following table summarizes the carcinogenicity listing for the components of this product.

“NO” indicates that the substance is not considered to be or suspected to be a carcinogen by the listed agency, see section 16 for definitions of other ratings.

<table>
<thead>
<tr>
<th>CHEMICAL</th>
<th>EPA</th>
<th>IARC</th>
<th>NTP</th>
<th>NIOSH</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>PROP 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black</td>
<td>No</td>
<td>2B</td>
<td>No</td>
<td>Ca (in presence of PAHs)</td>
<td>A3</td>
<td>No</td>
<td>Yes (airborne unbound particles of respirable size)</td>
</tr>
<tr>
<td>Copper Phthalocyanine (as copper compound)</td>
<td>D</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Iron Oxide (based on CAS® 1309-37-1)</td>
<td>No</td>
<td>3</td>
<td>No</td>
<td>No</td>
<td>A4</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Ethyltriacetoxysilane</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Methyltriacetoxysilane</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Proprietary Silicone Polymer</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Proprietary Silicone Polymer</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Silica Amorphous</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>No</td>
<td>2B</td>
<td>No</td>
<td>Ca</td>
<td>A4</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

ACGIH TLV-A3 (Confirmed Animal Carcinogen); ACGIH TLV-A4 (Not Classifiable as a Human Carcinogen); EPA-D (Not Classifiable as to Human Carcinogenicity); IARC-2B (Possibly Carcinogenic to Humans); IARC-3 (Unclassifiable as to Carcinogenicity); NIOSH-Ca (Potential Occupational Carcinogen with No Further Categorization)

IRRITANCY OF PRODUCT: This product may mildly irritate contaminated tissue, especially if contact is prolonged. Eye irritation may be more pronounced.

SENSITIZATION TO THE PRODUCT: No component is known to cause human sensitization effects.

TOXICOLOGICAL SYNERGISTIC PRODUCTS: None known.

REPRODUCTIVE TOXICITY INFORMATION: This product has not been tested for reproductive toxicity.

BIOLOGICAL EXPOSURES INDICES (BEIs): There are no BEI’s established for any component of this product at this time.

12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

MOBILITY: This product has not been tested for mobility in soil.

PERSISTENCE AND BIODEGRADABILITY: This product has not been tested for persistence or biodegradability.

BIO-ACCUMULATION POTENTIAL: This product has not been tested for bio-accumulation potential.

ECOTOXICITY: This product has not been tested for aquatic or animal toxicity. All release to the environment should be avoided.

OTHER ADVERSE EFFECTS: No component is known to have any ozone depletion potential.

ENVIRONMENTAL EXPOSURE CONTROLS: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

13. DISPOSAL CONSIDERATIONS

PREPARING WASTE FOR DISPOSAL: As supplied, this product would not be a hazardous waste as defined by U.S. federal regulation (40 CFR 261) if discarded or disposed. State and local regulations may differ from federal regulations. The generator of the waste is responsible for proper waste determination and management.

U.S. EPA WASTE NUMBER: Not applicable.
14. TRANSPORTATION INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: This product is NOT classified as Dangerous Goods, per U.S. DOT regulations, under 49 CFR 172.101.

TRANSPORT CANADA TRANSPORTATION OF DANGEROUS GOODS REGULATIONS: This product is NOT classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA): This product is NOT classified as dangerous goods, per the International Air Transport Association.

INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO): This product is not classified as dangerous goods, per the International Maritime Organization.

15. REGULATORY INFORMATION

ADDITIONAL U.S. REGULATIONS:

U.S. SARA Reporting Requirements: No component of this product is subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

U.S. SARA Hazard Categories (Section 311/312, 40 CFR 370-21): ACUTE: Yes; CHRONIC: Yes; FIRE: No; REACTIVE: No; SUDDEN RELEASE: No

U.S. TSCA Inventory Status: All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

U.S. CERCLA Reportable Quantity (RQ): Not applicable.

U.S. Clean Air Act (CA 112r) Threshold Quantity (TQ): Not applicable.

Other U.S. Federal Regulations: Not applicable.

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): The Carbon Black component (airborne, unbound particles of respirable size) is found on the Proposition 65 List of chemicals known to the state to cause cancer. Due to the form of the product, the Proposition 65 warning is not applicable to this compound in this product.

ADDITIONAL CANADIAN REGULATIONS:

Canadian DSL/INDS Inventory Status: The components of this product are listed on the DSL Inventory.

Canadian Environmental Protection Act (CEPA) Priorities Substances Lists: No component of this product is on the CEPA Priorities Substances Lists.

Canadian WHMIS Regulations: This product is classified as a Controlled Product, Hazard Class D2B (Immediate Acute Toxicity/Irritation) as per the Controlled Product Regulations.

ADDITIONAL MEXICAN REGULATIONS:

MEXICAN WORKPLACE REGULATIONS (NOM-018-STPS-2000): This product is not classified as hazardous.

16. OTHER INFORMATION

WARNINGS (per ANSI Z129.1): WARNING! COMBUSTIBLE LIQUID. MAY CAUSE EYE, SKIN, AND RESPIRATORY TRACT IRRITATION, INHALATION OF FUMES MAY CAUSE ADVERSE EFFECTS ON THE CENTRAL NERVOUS SYSTEM. ESPECIALLY IF EXPOSURE IS PROLONGED. CONTAINS COMPOUNDS THAT WITH CARCINOGENIC POTENTIAL. MAY CONTAIN COMPOUND THAT CAN CAUSE HARM TO AQUATIC ORGANISMS. Avoid contact with eyes, skin, and clothing. Avoid breathing fumes, dusts, vapors or mist. Do not taste or swallow. Wash thoroughly after handling. Keep container tightly closed. Use only with adequate ventilation. Wear gloves, eye protection, respiratory protection, and appropriate body protection. FIRST-AID: In case of contact, immediately flush skin and eyes with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops or persists. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If swallowed, do not induce vomiting. Get medical attention. IN CASE OF FIRE: Use water fog, foam, dry chemical, or CO₂. IN CASE OF SPILL: Absorb spilled product with polypond or other suitable absorbing material. Place all spill residue in an appropriate container and seal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada.

GLOBAL HARMONIZATION LABELING AND CLASSIFICATION: Classified in accordance with the Global Harmonization Standard.

Classification: Acute Oral Toxicity Category 5, Eye Irritation Category 2B, Skin Irritation Category 3

Signal Word: Warning


Response: P332 + P313: If skin irritation occurs, get medical attention. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. P337 + P313: If eye irritation persists: Get medical advice/attention. P314: Get medical advice/attention if you feel unwell.

Storage: None. Disposal: None.

Hazard Symbols/Pictogram: GHS07

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

The information presented in this Material Safety Data Sheet is presented in good faith based on data believed to be accurate as of the date this Material Safety Data Sheet was prepared.

HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale.

All materials may present hazards and should be used with caution. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices or applicable federal, state, or local laws or regulations. The information provided above, and the product, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use. In addition, no authorization is given nor implied to practice any patented invention without a license.

Pecora 860 Glazier’s and Contractor’s Silicone Sealant Page 7 of 9 October 2, 2014
DEFINITIONS OF TERMS

Hazardous Materials Identifications System hazard ratings

FIRE PROTECTION

1 \textbf{Severe Hazard}: Materials that will rapidly or almost instantly release explosive quantities of energy, causing almost the entire load instantaneously.

2 \textbf{Explosive Hazard}: Materials that will in either concentration tested, exhibit a mean pressure rise time less than or equal to the mean burning time of a 2:3 potassium bromate/cellulose mixture and the criteria for Packing Group I are not met. Liquids: any material that exhibits a mean pressure rise time less than or equal to the mean burning time of a 3.2 potassium bromate/cellulose/mixture. Liquids: any material that, either in combination tested, exhibits a mean burning time less than or equal to the mean burning time of a 3.2 potassium bromate/cellulose/mixture. Liquids: any material that, either in combination tested, exhibits a mean burning time less than or equal to the mean burning time of a 3.2 potassium bromate/cellulose/mixture. Liquids: any material that, either in combination tested, exhibits a mean burning time less than or equal to the mean burning time of a 3.2 potassium bromate/cellulose/mixture. Liquids: any material that, either in combination tested, exhibits a mean burning time less than or equal to the mean burning time of a 3.2 potassium bromate/cellulose/mixture.
FLAMMABILITY LIMITS IN AIR:
Much of the information related to fire and explosion is derived from the National Fire Protection Association (NFPA). Flash Point: Minimum temperature at which a liquid gives off sufficient vapor to form an ignitable mixture with air near the surface of the liquid or within the test vessel. Autoignition Temperature: Minimum temperature of a solid, liquid, or gas required to initiate or cause self-sustained combustion in air with no other source of ignition. IEL: Lowest concentration of a flammable vapor or gaseous mixture that will ignite and burn with a flame. TFL: Highest concentration of a flammable vapor or gaseous mixture that will ignite and burn with a flame.

TOXICOLOGICAL INFORMATION:
Human and Animal Toxicology: Possible health hazards as derived from human, animal, studies, or from the results of studies with similar compounds are presented. LD50: Lethal Dose (solids & liquids) that kills 50% of the exposed animals. LC50: Lethal Concentration (gases) that kills 50% of the exposed animals. t975: Concentration expressed in parts of material per million parts of air or water. mpm: Concentration expressed in weight of substance per volume of air. mg/L: Quantity of material, by weight, administered to a laboratory animal inhaled to its entire body weight in a given period of time. Lowest Concentration to cause a symptom. TDs, Lds, and Ls or TC, Tcs, Lcs, and L: Lowest dose (or concentration) to cause lethal or toxic effects. Cancer Information: IARC: International Agency for Research on Cancer. NTP: National Toxicology Program. RTECS: Registry of Toxic Effects of Chemical Substances. IARC and NTP rate chemicals on a scale of decreasing potential to cause human cancer with rankings from 1 to 4. Subcategories (2A, 2B, etc.) are also used. Other Information: BIEG: Biological Exposure Indexes. LEI: Median threshold limit. OC: Any substance that interferes in any way with the reproductive process.

REPRODUCTIVE INFORMATION:
A mutagen is a chemical that causes permanent changes to genetic material (DNA) such that the changes will propagate through generational lines. An estrogen is a chemical that causes damage to a developing embryo (i.e. within the first eight weeks of pregnancy in humans), but the damage does not propagate across generational lines. A reproductive toxin is any substance that interferes in any way with the reproductive process.

ECOLOGICAL INFORMATION:
EC: Effect concentration in water. BCF: Bioconcentration Factor, which is used to determine if a substance will concentrate in life forms that consume contaminated plant or animal matter. TCL: Median threshold limit for Koc or log Koc. Coefficient of Oil/Water Distribution is used to assess a substance’s behavior in the environment.

REGULATORY INFORMATION:
This section explains the impact of various laws and regulations on the material.

U.S.:
EPA: U.S. Environmental Protection Agency. ACGIH: American Conference of Governmental Industrial Hygienists, a professional association that establishes exposure limits. OSHA: U.S. Occupational Safety and Health Administration. NIOSH: National Institute of Occupational Safety and Health, which is the research arm of OSHA. DOT: U.S. Department of Transportation. TC: Transport Canada. SARA: Superfund Amendments and Reauthorization Act. TSCA: U.S. Toxic Substance Control Act. CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act. Marine Pollutant status pertaining to the DOT, CERCLA, or SARA, and various other regulations. This section also includes information on the precautionary warnings that appear on the material’s package label.

CANADA: