SECTION 1: Identification

Product identifier

Product name: PlasticWeld Stick
Product code: 8237

Recommended use of the product and restriction on use

Relevant identified uses: Sealants and adhesives
Uses advised against: Not determined or not applicable.
Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:
United States
J-B Weld Company, LLC
400 CMH Road
Sulphur Springs, TX 75482
903-885-7696
info@jbweld.com

Emergency telephone number:
United States
InfoTrac
Transportation Emergencies (24 hour): 800-535-5053
Poison Control Centers (24 hour): medical emergencies 800-222-1222

SECTION 2: Hazard(s) identification

GHS classification:
Skin irritation, category 2
Eye irritation, category 2A
Skin sensitization, category 1
Specific target organ toxicity - single exposure, category 3, respiratory irritation

Label elements

Hazard pictograms:

Signal word: Warning

Hazard statements:
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.

Precautionary statements:
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
PlasticWeld Stick

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P272 Contaminated work clothing must not be allowed out of the workplace.
P271 Use only outdoors or in a well-ventilated area.
P233 Keep container tightly closed.
P321 Specific treatment (see supplemental first aid instructions on this label).
P362 Take off contaminated clothing and wash before reuse
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P332+P313 If skin irritation occurs: Get medical advice/attention
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists get medical advice/attention
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P336 Wash contaminated clothing before reuse
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P405 Store locked up.
P403+P233 Store in a well ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local regulations.

Hazards not otherwise classified: None

SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Identification</th>
<th>Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 14808-60-7</td>
<td>Silica, crystalline quartz</td>
<td>0.1-1</td>
</tr>
<tr>
<td>CAS number: 13463-67-7</td>
<td>Titanium Dioxide</td>
<td>1-5</td>
</tr>
<tr>
<td>CAS number: -</td>
<td>2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>1-5</td>
</tr>
<tr>
<td>CAS number: -</td>
<td>4,4’-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2, 3-epoxypropane, reaction products with fatty acids, C18-unsatd., dimers</td>
<td>10-30</td>
</tr>
</tbody>
</table>

Additional Information:
The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200).

SECTION 4: First aid measures

Description of first aid measures

General notes:
Not determined or not applicable.

After inhalation:
Loosen clothing as necessary and position individual in a comfortable position
Maintain an unobstructed airway
Get medical advice/attention if you feel unwell
Take precautions to ensure your own safety
Remove source of exposure or move person to fresh air
Get medical advice if you feel unwell or concerned
If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus
If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation

After skin contact:
Rinse affected area with soap and water
If symptoms develop or persist, seek medical attention
Take off all contaminated clothing
Gently blot or brush away excess product
Wash with plenty of lukewarm, gently flowing water
Get medical advice if skin irritation occurs or you feel unwell

After eye contact:
Rinse/flush exposed eye(s) gently using water for 15-20 minutes
If symptoms develop or persist, seek medical attention
Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open
Remove contact lenses, if present and easy to do so
Continue rinsing for 15-20 minutes
Get medical advice if eye irritation persists

After swallowing:
Rinse mouth thoroughly
Seek medical attention if irritation, discomfort, or vomiting persists

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:
Not determined or not applicable.

Delayed symptoms and effects:
Not determined or not applicable.

Immediate medical attention and special treatment

Specific treatment:
Not determined or not applicable.

Notes for the doctor:
Not determined or not applicable.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:
Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

Unsuitable extinguishing media:
Not determined or not applicable.

Specific hazards during fire-fighting:
Thermal decomposition can lead to release of irritating gases and vapors
Decomposition products may include the following materials: Carbon dioxide, Carbon monoxide, Nitrogen oxides, Sulfur oxides, halogenated compounds, metal oxide/oxides

Special protective equipment for firefighters:
Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA)
with a full face-piece operated in positive pressure mode

Special precautions:
Carbon monoxide and carbon dioxide may form upon combustion
Heating causes a rise in pressure, risk of bursting and combustion

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Ensure adequate ventilation
Ensure air handling systems are operational
Wear protective eye wear, gloves and clothing

Environmental precautions:
Should not be released into the environment
Prevent from reaching drains, sewer or waterway

Methods and material for containment and cleaning up:
Wear protective eye wear, gloves and clothing
Sweep or scoop up solid material while minimizing dust generation
Dispose of contents / container in accordance with local regulations

Reference to other sections:
Not determined or not applicable.

SECTION 7: Handling and storage

Precautions for safe handling:
Use only with adequate ventilation.
Avoid breathing dust.
Do not eat, drink, smoke or use personal products when handling chemical substances.
Persons with a history of skin sensitization problems should not be employed in any process in which this
product is used.

Conditions for safe storage, including any incompatibilities:
Keep container tightly sealed.
Keep container dry.
Store in a cool, well-ventilated area.
Store between the following temperatures: 5 to 30°C (41 to 86°F). Store in accordance with local
regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area,
away from incompatible materials and food and drink
Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not
store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

<table>
<thead>
<tr>
<th>Country (Legal Basis)</th>
<th>Substance</th>
<th>Identifier</th>
<th>Permissible concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States (OSHA)</td>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>OSHA PEL TWA 15 mg/m³ (Total dust)</td>
</tr>
</tbody>
</table>
PlasticWeld Stick

<table>
<thead>
<tr>
<th>Country (Legal Basis)</th>
<th>Substance</th>
<th>Identifier</th>
<th>Permissible concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Silica, crystalline quartz</td>
<td>14808-60-7</td>
<td>OSHA Z-3 TWA 0.1 mg/m³ (Respirable fraction); 0.3 mg/m³ (Total dust)</td>
</tr>
<tr>
<td>ACGIH</td>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>ACGIH TLV TWA 10 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Silica, crystalline quartz</td>
<td>14808-60-7</td>
<td>ACGIH TLV TWA 0.025 mg/m³ (Respirable fraction)</td>
</tr>
<tr>
<td>NIOSH</td>
<td>Silica, crystalline quartz</td>
<td>14808-60-7</td>
<td>NIOSH TWA 0.05 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>IDLH: 5,000 mg/m³</td>
</tr>
</tbody>
</table>

**Biological limit values:**
No biological exposure limits noted for the ingredient(s).

**Information on monitoring procedures:**
Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. Biological monitoring may also be appropriate for some substances.

**Appropriate engineering controls:**
Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

**Personal protection equipment**

**Eye and face protection:**
Safety goggles or glasses, or appropriate eye protection.

**Skin and body protection:**
Select glove material impermeable and resistant to the substance.
Wear appropriate clothing to prevent any possibility of skin contact.

**Respiratory protection:**
If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

**General hygienic measures:**
Avoid contact with skin, eyes and clothing.
Wash hands before breaks and at the end of work.
Wash contaminated clothing before reuse.

**SECTION 9: Physical and chemical properties**

<table>
<thead>
<tr>
<th>Information on basic physical and chemical properties</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
</tr>
<tr>
<td><strong>Odor</strong></td>
</tr>
<tr>
<td><strong>Odor threshold</strong></td>
</tr>
<tr>
<td><strong>pH</strong></td>
</tr>
<tr>
<td><strong>Melting point/freezing point</strong></td>
</tr>
<tr>
<td><strong>Initial boiling point/range</strong></td>
</tr>
<tr>
<td><strong>Flash point (closed cup)</strong></td>
</tr>
</tbody>
</table>
Evaporation rate: Not determined or not available.
Flammability (solid, gas): Not determined or not available.
Upper flammability/explosive limit: Not determined or not available.
Lower flammability/explosive limit: Not determined or not available.
Vapor pressure: Not determined or not available.
Vapor density: Not determined or not available.
Density: Not determined or not available.
Relative density: 1.793
Solubilities: Not determined or not available.
Partition coefficient (n-octanol/water): Not determined or not available.
Auto/Self-ignition temperature: Not determined or not available.
Decomposition temperature: Not determined or not available.
Dynamic viscosity: Not determined or not available.
Kinematic viscosity: Not determined or not available.
Explosive properties: Not determined or not available.
Oxidizing properties: Not determined or not available.

Other information:
VOC: 0.185 lbs/gal (22.1 g/l)

SECTION 10: Stability and reactivity

Reactivity:
Does not react under normal conditions of use and storage.

Chemical stability:
Stable under normal conditions of use and storage.

Possibility of hazardous reactions:
None under normal conditions of use and storage.

Conditions to avoid:
None known.

Incompatible materials:
None known.

Hazardous decomposition products:
None known.

SECTION 11: Toxicological information

Acute toxicity
Assessment: Based on available data, the classification criteria are not met.

Product data:

<table>
<thead>
<tr>
<th>Route</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>ATE value: 36287.4 mg/kg</td>
</tr>
<tr>
<td>Dermal</td>
<td>ATE value: 28099.2 mg/kg</td>
</tr>
</tbody>
</table>

Substance data:
### Skin corrosion/irritation

**Assessment:**

Causes skin irritation

**Product data:**

No data available.

**Substance data:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>Causes skin irritation.</td>
</tr>
</tbody>
</table>

### Serious eye damage/irritation

**Assessment:**

Causes serious eye irritation

**Product data:**

No data available.

**Substance data:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>Causes serious eye irritation.</td>
</tr>
</tbody>
</table>

### Respiratory or skin sensitization

**Assessment:**

May cause an allergic skin reaction

**Product data:**

No data available.

**Substance data:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>This product contains talc in a polymer matrix. Sanding the cured product may release particles containing talc with the polymer and other components of the matrix into the air. The talc contains less than 1% crystalline silica. Appropriate evaluations of the use of the product should be performed to determine if exposure to talc occurs due to handling and use. If such exposures occur, appropriate precautions must be taken to prevent exposure in excess of the OSHA Permissible Exposure Limit (PEL).</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

<table>
<thead>
<tr>
<th>Species</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium Dioxide</td>
<td>Not applicable. Airborne, unbound particles of respirable size are known to cause cancer.</td>
</tr>
<tr>
<td>Silica, crystalline quartz</td>
<td>Not applicable Component may cause cancer.</td>
</tr>
</tbody>
</table>
International Agency for Research on Cancer (IARC):

<table>
<thead>
<tr>
<th>Name</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium Dioxide</td>
<td>Group 2B</td>
</tr>
<tr>
<td>Silica, crystalline quartz</td>
<td>Group 1 - Carcinogenic to humans</td>
</tr>
</tbody>
</table>

National Toxicology Program (NTP):

<table>
<thead>
<tr>
<th>Name</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica, crystalline quartz</td>
<td>Known to be human carcinogens</td>
</tr>
</tbody>
</table>

Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**
No data available.

**Substance data:** No data available.

Reproductive toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**
No data available.

**Substance data:** No data available.

Specific target organ toxicity (single exposure)

**Assessment:**
May cause respiratory irritation

**Product data:**
No data available.

**Substance data:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,4’-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with fatty acids, C18-unsatd., dimers</td>
<td>Category 3, Respiratory tract irritation.</td>
</tr>
</tbody>
</table>

Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**
No data available.

**Substance data:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica, crystalline quartz</td>
<td>Component affects the lungs through repeated exposure.</td>
</tr>
</tbody>
</table>

Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**
No data available.

**Substance data:** No data available.

Information on likely routes of exposure:
No data available.
Symptoms related to the physical, chemical and toxicological characteristics:
No data available.

Other information:
No data available.

SECTION 12: Ecological information

Acute (short-term) toxicity
Assessment: Based on available data, the classification criteria are not met.
Product data: No data available.
Substance data: No data available.

Chronic (long-term) toxicity
Assessment: Based on available data, the classification criteria are not met.
Product data: No data available.
Substance data: No data available.

Persistence and degradability
Product data: No data available.
Substance data: No data available.

Bioaccumulative potential
Product data: No data available.
Substance data: No data available.

Mobility in soil
Product data: No data available.
Substance data: No data available.

Other adverse effects: No data available.

SECTION 13: Disposal considerations

Disposal methods:
It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

SECTION 14: Transport information

United States Transportation of dangerous goods (49 CFR DOT)

<table>
<thead>
<tr>
<th>UN number</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name</td>
<td>Not regulated</td>
</tr>
<tr>
<td>UN transport hazard class(es)</td>
<td>None</td>
</tr>
<tr>
<td>Packing group</td>
<td>None</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>None</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>None</td>
</tr>
</tbody>
</table>

International Maritime Dangerous Goods (IMDG)

<table>
<thead>
<tr>
<th>UN number</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name</td>
<td>Not regulated</td>
</tr>
<tr>
<td>UN transport hazard class(es)</td>
<td>None</td>
</tr>
<tr>
<td>Packing group</td>
<td>None</td>
</tr>
</tbody>
</table>
Environmental hazards: None
Special precautions for user: None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)
UN number: Not regulated
UN proper shipping name: Not regulated
UN transport hazard class(es): None
Packing group: None
Environmental hazards: None
Special precautions for user: None

SECTION 15: Regulatory information

United States regulations
Inventory listing (TSCA):

- 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2, 3-epoxypropane, reaction products with fatty acids, C18-unsatd., dimers Listed
- 13463-67-7 Titanium Dioxide Listed
- 2,4,6-tris(dimethylaminomethyl)phenol Listed
- 14808-60-7 Silica, crystalline quartz Listed

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.
Export notification under TSCA Section 12(b): None of the ingredients are listed.
SARA Section 302 extremely hazardous substances: None of the ingredients are listed.
SARA Section 313 toxic chemicals: None of the ingredients are listed.
CERCLA: None of the ingredients are listed.
RCRA: None of the ingredients are listed.
Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know:
- 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2, 3-epoxypropane, reaction products with fatty acids, C18-unsatd., dimers Not Listed
- 13463-67-7 Titanium Dioxide Listed
- 2,4,6-tris(dimethylaminomethyl)phenol Not Listed
- 14808-60-7 Silica, crystalline quartz Listed

New Jersey Right to Know:
- 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2, 3-epoxypropane, reaction products with fatty acids, C18-unsatd., dimers Not Listed
- 13463-67-7 Titanium Dioxide Listed
- 2,4,6-tris(dimethylaminomethyl)phenol Not Listed
- 14808-60-7 Silica, crystalline quartz Listed

New York Right to Know:
**Safety Data Sheet**


**Initial preparation date:** 03.04.2019

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### PlasticWeld Stick

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
<th>Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide</td>
<td>Listed</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline quartz</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

**Pennsylvania Right to Know:**

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
<th>Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide</td>
<td>Listed</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline quartz</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

**California Proposition 65:**

⚠️ **WARNING:** This product can expose you to chemicals including Silica, crystalline quartz and Titanium Dioxide which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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### SECTION 16: Other information

**Abbreviations and Acronyms:** None

**Disclaimer:**

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**NFPA:** 2-0-0

**HMIS:** 2-0-0

**Initial preparation date:** 03.04.2019

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End of Safety Data Sheet