



# SAFETY DATA SHEET

Revision Date 01-Oct-2015

Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** 6MA POWERBEAD SENSOR SAFE BLUE RTV SILICONE 7.25 OZ AE

### Other means of identification

**Product Code** 81860

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Sealant

**Uses advised against** No information available

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

#### Manufacturer Address

ITW Permatex  
10 Columbus Blvd.  
Hartford, CT 06106 USA

#### Distributor

ITW Permatex Canada  
35 Brownridge Road, Unit 1  
Halton Hills, ON Canada L7G 0C6  
Telephone: (800) 924-6994

#### Company Phone Number

1-87-Permatex  
(877) 376-2839

#### 24 Hour Emergency Phone Number

Chem-Tel: 800-255-3924  
International Emergency:  
00+1+ 813-248-0585  
Contract Number: MIS0003453

#### E-mail address

mail@permatex.com

## 2. HAZARDS IDENTIFICATION

### Classification

#### OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**NOTE: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.**

|                                   |             |
|-----------------------------------|-------------|
| Serious eye damage/eye irritation | Category 2A |
| Skin sensitization                | Category 1  |
| Carcinogenicity                   | Category 2  |

### Label elements

#### Emergency Overview

#### Warning

Causes serious eye irritation  
May cause an allergic skin reaction  
Suspected of causing cancer



**Appearance** Blue

**Physical state** Paste

**Odor** Mild

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Wash face, hands and any exposed skin thoroughly after handling  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Contaminated work clothing should not be allowed out of the workplace  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
 Specific treatment (see supplemental first aid instructions on this label)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 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

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

- Toxic to aquatic life with long lasting effects

Unknown acute toxicity 30.531 % of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**substance(s)**

| Chemical Name                               | CAS No     | Weight-% | Trade Secret |
|---|------------|----------|--------------|
| POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED | 70131-67-8 | 15 - 40  | *            |
| CALCIUM CARBONATE                           | 471-34-1   | 10 - 30  | *            |
| LIMESTONE                                   | 1317-65-3  | 10 - 30  | *            |
| DISTILLATES (PETROLEUM), HYDROTREATED LIGHT | 64742-47-8 | 3 - 7    | *            |
| VINYL OXIMINOSILANE                         | 2224-33-1  | 1 - 5    | *            |
| NITROGEN                                    | 7727-37-9  | 1 - 5    | *            |
| STEARIC ACID                                | 57-11-4    | 1 - 5    | *            |
| 2-BUTANONE OXIME                            | 96-29-7    | 1 - 5    | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

##### Description of first aid measures

|   |  |
|---|--|
| <b>General advice</b>                     | Get medical advice/attention if you feel unwell.   |
| <b>Eye contact</b>                        | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| <b>Skin contact</b>                       | IF ON SKIN: Wash skin with soap and water. If skin irritation persists, call a physician. Wash contaminated clothing before reuse.   |
| <b>Inhalation</b>                         | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.  |
| <b>Ingestion</b>                          | IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.   |
| <b>Self-protection of the first aider</b> | Use personal protective equipment as required.   |

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

**Symptoms** See section 2 for more information.

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

**Note to physicians** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>), Dry chemical, Foam

##### Unsuitable extinguishing media

None.

##### Specific hazards arising from the chemical

None in particular.

##### Explosion data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

##### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes and skin. Use personal protective equipment as required.

##### Environmental precautions

**Environmental precautions** Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

- Methods for containment** Prevent further leakage or spillage if safe to do so.
- Methods for cleaning up** Ensure adequate ventilation. Flood with water to complete polymerization and scrape off floor. Sweep up and shovel into suitable containers for disposal.
- Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

- Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required.

**Conditions for safe storage, including any incompatibilities**

- Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Protect from moisture.
- Incompatible materials** Strong oxidizing agents, Acids, Water

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

| Chemical Name                 | ACGIH TLV | OSHA PEL   | NIOSH IDLH   |
|-------------------------------|-----------|--|--|
| CALCIUM CARBONATE<br>471-34-1 | -         | -  | TWA: 10 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable dust |
| LIMESTONE<br>1317-65-3        | -         | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction<br>(vacated) TWA: 15 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction | TWA: 10 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable dust |

*NIOSH IDLH Immediately Dangerous to Life or Health*

- Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

- Engineering Controls** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

- Eye/face protection** Wear safety glasses with side shields (or goggles).
- Skin and body protection** Wear protective gloves and protective clothing.
- Respiratory protection** Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.
- General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

Physical state Paste  
 Appearance Blue  
 Odor Mild  
 Odor threshold No information available

| <u>Property</u>                | <u>Values</u>            | <u>Remarks • Method</u> |
|--------------------------------|--------------------------|-------------------------|
| pH                             | No information available |                         |
| Melting point / freezing point | No information available |                         |
| Boiling point / boiling range  | Not Applicable           | Polymerization          |
| Flash point                    | > 93 °C / > 200 °F       | Tag Closed Cup          |
| Evaporation rate               | No information available |                         |
| Flammability (solid, gas)      | No information available |                         |
| Flammability Limit in Air      |                          |                         |
| Upper flammability limit:      | No information available |                         |
| Lower flammability limit:      | No information available |                         |
| Vapor pressure                 | <5 mm Hg @ 80°F          |                         |
| Vapor density                  | >1                       | Air = 1                 |
| Relative density               | 1.43                     |                         |
| Water solubility               | Not applicable           | Polymerization          |
| Solubility in other solvents   | No information available |                         |
| Partition coefficient          | No information available |                         |
| Autoignition temperature       | No information available |                         |
| Decomposition temperature      | No information available |                         |
| Kinematic viscosity            | No information available |                         |
| Dynamic viscosity              | No information available |                         |
| Explosive properties           | No information available |                         |
| Oxidizing properties           | No information available |                         |

**Other Information**

Softening point No information available  
 Molecular weight No information available  
 VOC Content (%) <4%  
 Density No information available  
 Bulk density No information available

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Excessive heat.

**Incompatible materials**

Strong oxidizing agents, Acids, Water

**Hazardous Decomposition Products**

Carbon oxides  
 Nitrogen oxides (NOx)  
 Formaldehyde  
 May release 2-butanone oxime (ethyl methyl ketoxime) at elevated temperature

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | May cause irritation of respiratory tract.  |
| <b>Eye contact</b>  | Contact with eyes may cause irritation. May cause redness and tearing of the eyes.    |
| <b>Skin contact</b> | May cause skin irritation and/or dermatitis. May cause sensitization by skin contact. |
| <b>Ingestion</b>    | Ingestion may cause irritation to mucous membranes.                                   |

| Chemical Name  | Oral LD50            | Dermal LD50             | Inhalation LC50                      |
|--|----------------------|-------------------------|--------------------------------------|
| POLY (DIMETHYLSILOXANE),<br>HYDROXY TERMINATED<br>70131-67-8 | -                    | > 16 mL/kg ( Rabbit )   | > 8750 mg/m <sup>3</sup> ( Rat ) 7 h |
| CALCIUM CARBONATE<br>471-34-1                                | = 6450 mg/kg ( Rat ) | -                       | -                                    |
| DISTILLATES (PETROLEUM),<br>HYDROTREATED LIGHT<br>64742-47-8 | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 5.2 mg/L ( Rat ) 4 h               |
| STEARIC ACID<br>57-11-4                                      | -                    | > 5 g/kg ( Rabbit )     | -                                    |
| 2-BUTANONE OXIME<br>96-29-7                                  | = 930 mg/kg ( Rat )  | = 0.2 mg/kg ( Rabbit )  | = 20 mg/L ( Rat ) 4 h                |

### Information on toxicological effects

**Symptoms** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** No information available.

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 11227 mg/kg  
 ATEmix (dermal) 9359 mg/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

93.9 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name  | Algae/aquatic plants                          | Fish   | Crustacea  |
|--|---|--|--|
| DISTILLATES (PETROLEUM),<br>HYDROTREATED LIGHT<br>64742-47-8 | -   | 45: 96 h Pimephales promelas mg/L<br>LC50 flow-through 2.2: 96 h<br>Lepomis macrochirus mg/L LC50<br>static 2.4: 96 h Oncorhynchus<br>mykiss mg/L LC50 static          | 4720: 96 h Den-dronereides<br>heteropoda mg/L LC50 |
| 2-BUTANONE OXIME<br>96-29-7                                  | 83: 72 h Desmodosmus subspicatus<br>mg/L EC50 | 777 - 914: 96 h Pimephales<br>promelas mg/L LC50 flow-through<br>760: 96 h Poecilia reticulata mg/L<br>LC50 static 320 - 1000: 96 h<br>Leuciscus idus mg/L LC50 static | 750: 48 h Daphnia magna mg/L<br>EC50               |

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

**Mobility**

No information available.

| Chemical Name               | Partition coefficient |
|-----------------------------|-----------------------|
| 2-BUTANONE OXIME<br>96-29-7 | 0.65                  |

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

**US EPA Waste Number** Not applicable

**14. TRANSPORT INFORMATION**

**DOT**

**UN/ID no** 1950  
**Proper shipping name:** Aerosols, Limited Quantity (LQ)  
**Hazard Class** 2.2  
**Emergency Response Guide Number** 126

**IATA**

**UN/ID no** ID 8000  
**Proper shipping name:** Consumer commodity  
**Hazard Class** 9  
**ERG Code** 9L

**IMDG**

**UN/ID no** 1950  
**Proper shipping name:** Aerosols, Limited Quantity (LQ)  
**Hazard Class** 2.2  
**EmS-No** F-D, S-U

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies  
**EINECS/ELINCS** Not Listed.  
**ENCS** Not Listed.  
**IECSC** Complies  
**KECL** Complies  
**PICCS** Complies  
**AICS** Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire hazard</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

| <b>Chemical Name</b>                      | <b>New Jersey</b> | <b>Massachusetts</b> | <b>Pennsylvania</b> |
|---|-------------------|----------------------|---------------------|
| LIMESTONE<br>1317-65-3                    | X                 | X                    | X                   |
| CI PIGMENT BLUE 15, CI #74160<br>147-14-8 | X                 | -                    | X                   |
| NITROGEN<br>7727-37-9                     | X                 | X                    | X                   |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**WHMIS Hazard Class**

D2B - Toxic materials

|                    |                         |                       |                           |                              |
|--------------------|-------------------------|-----------------------|---------------------------|------------------------------|
| <b><u>NFPA</u></b> | <b>Health hazards</b> 2 | <b>Flammability</b> 1 | <b>Instability</b> 0      | -                            |
| <b><u>HMIS</u></b> | <b>Health hazards</b> 2 | <b>Flammability</b> 1 | <b>Physical hazards</b> 0 | <b>Personal protection</b> B |

NFPA (National Fire Protection Association)  
 HMIS (Hazardous Material Information System)

**Revision Date** 01-Oct-2015

**Disclaimer**



The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release 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 or in any process, unless specified in the text.

**End of Safety Data Sheet**