

## SAFETY DATA SHEET

### Section 1: IDENTIFICATION

#### 1.1 PRODUCT IDENTIFIER

**Product Name:** HDX PREMIUM WINDOW AND DOOR SILICONE CLEAR

**Product Code:** 10000010526

#### 1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

**Use:** Caulking (Exterior)

#### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**Name/Address:** Tower Sealants  
2095 Memorial Park Road  
Gainesville, Georgia  
30504 USA

**Telephone Number:** 1-770-535-8780

#### 1.4 EMERGENCY TELEPHONE NUMBER

**Emergency Telephone Number:** CHEMTREC: 1-800-424-9300

### Section 2: HAZARD(S) IDENTIFICATION

#### 2.1 CLASSIFICATION OF THE CHEMICAL ACCORDING TO OSHA HAZCOM 2012

##### Hazard class

Skin irritation 2  
Serious eye damage 1  
Skin sensitization 1  
Specific target organ toxicity - Repeated exposure 2

#### 2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM 2012

##### Hazard Pictogram:



**Signal Word:** Danger

**Hazard Statement:** Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure.

**Prevention:** Wash hands thoroughly after handling. Wear protective gloves/eye protection/face protection. Contaminated work clothing must not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapors/spray.

**Response:** Get medical advice/attention if you feel unwell. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

## SAFETY DATA SHEET

**Storage:** Not applicable.

**Disposal:** Dispose of contents/container in accordance with local, regional, national, and international regulations.

### 2.3 ADDITIONAL INFORMATION

**Hazards not otherwise classified:** Not applicable.

**WHMIS Classification(s):**

Class D2B - Skin Sensitization

Class D2B - Skin/Eye Irritant

**WHMIS Hazard Symbols:**



**WHMIS Signal Word:** WARNING

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 MIXTURES

Ingredient	CAS No	Wt. %
Siloxanes and Silicones, di-Me, hydroxy-terminated	70131-67-8	60 - 100
Silica, amorphous, fumed	7631-86-9	7 - 13
Distillates (petroleum), hydrotreated middle	64742-46-7	3 - 7
Triacetoxyethylsilane	17689-77-9	1 - 5
Butan-2-one O,O',O''-(methylsilyldiyl)trioxime	22984-54-9	1 - 5
Diphenoxarsin-10-yl oxide	58-36-6	< 0.1

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

### Section 4: FIRST- AID MEASURES

#### 4.1 DESCRIPTION OF THE FIRST AID MEASURE

**Eye:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Immediately call a poison center/doctor.

**Skin:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

**Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

**Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

## SAFETY DATA SHEET

### 4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

<b>Eye:</b>	Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
<b>Skin:</b>	Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause an allergic skin reaction.
<b>Inhalation:</b>	May cause respiratory tract irritation. May cause headache and dizziness.
<b>Ingestion:</b>	May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED

<b>Note to Physicians:</b>	Symptoms may not appear immediately.
<b>Specific Treatments:</b>	In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

## Section 5: FIRE-FIGHTING MEASURES

### 5.1 FLAMMABILITY

<b>Flammability:</b>	Not flammable by WHMIS/OSHA criteria.
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### 5.2 EXTINGUISHING MEDIA

<b>Suitable Extinguishing Media:</b>	Dry chemical, water spray, foam, carbon dioxide.
<b>Unsuitable Extinguishing Media:</b>	None known.

### 5.3 SPECIAL HAZARDS ARISING FROM THE CHEMICAL

<b>Products of Combustion:</b>	May include, and are not limited to: oxides of carbon.
<b>Explosion Data:</b>	

**Sensitivity to Mechanical Impact:** Not available

**Sensitivity to Static Discharge:** Not available

### 5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Use water spray to keep fire-exposed containers cool.

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Avoid contact with skin and eyes.

### 6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING - UP

<b>Methods for Containment:</b>	Contain spill, then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
<b>Methods for Cleaning-Up:</b>	Preferred method would be to scrape up spilled material and place in secondary container for disposal. Smaller spills can also be wiped up. Residual material can be removed with the assistance of hot water and soap. Provide ventilation.

## SAFETY DATA SHEET

### Section 7: HANDLING AND STORAGE

#### 7.1 PRECAUTIONS FOR SAFE HANDLING

- Handling:** Avoid contact with skin and eyes. Do not swallow. Do not breathe dust/fume/gas/mist/vapors/spray. Handle and open container with care. Use only in well-ventilated areas. When using do not eat, drink or smoke. (See section 8)
- General Hygiene Advice:** Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

#### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

- Storage:** Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated area. Keep from freezing. (See section 10)

### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 CONTROL PARAMETERS

##### Exposure Guidelines

Occupational Exposure Limits		
Ingredient	OSHA-PEL	ACGIH-TLV
Siloxanes and Silicones, di-Me, hydroxy-terminated	Not available.	Not available.
Silica, amorphous, fumed	80 mg/m <sup>3</sup> / %SiO <sub>2</sub>	Not available.
Distillates (petroleum), hydrotreated middle	Not available.	Not available.
Triacetoxyethylsilane	Not available.	Not available.
Butan-2-one O,O',O''-(methylsilyldiyl)trioxime	Not available.	Not available.
Diphenoxarsin-10-yl oxide	Not available.	Not available.

#### 8.2 EXPOSURE CONTROLS

- Engineering Controls:** Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

#### 8.3 INDIVIDUAL PROTECTIVE MEASURES

##### Personal Protective Equipment:

- Eye/Face Protection:** Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) and face protection (face shield).

##### Skin Protection:

- Hand Protection:** Wear chemical resistant gloves.

- Body Protection:** Wear suitable protective clothing.

- Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

- General Health and Safety Measures:** Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

## SAFETY DATA SHEET

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Paste.
Color:	Colorless.
Odor:	Low odor.
Odor Threshold:	Not available.
Physical State:	Liquid.
pH:	Not available.
Melting Point/Freezing Point:	Not available.
Initial Boiling Point and Boiling Range:	Not available.
Flash Point:	Not applicable.
Evaporation Rate:	Not available.
Flammability:	Not flammable.
Lower Flammability/Explosive Limit:	Not available.
Upper Flammability/Explosive Limit:	Not available.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Relative Density/Specific Gravity:	1.04 @ 25° C (77° F)
Solubility:	Not available.
Partition coefficient: n-octanol/water:	Not available.
Auto-ignition Temperature:	Not available.
Decomposition Temperature:	Not available.
Viscosity:	Not available.
Explosive Properties:	Not available.
Oxidizing Properties:	Not available.

### Section 10: STABILITY AND REACTIVITY

#### 10.1 REACTIVITY

No dangerous reaction known under conditions of normal use.

#### 10.2 CHEMICAL STABILITY

Stable under normal storage conditions.

#### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reaction known under conditions of normal use.

#### 10.4 CONDITIONS TO AVOID

Heat. Incompatible materials.

## SAFETY DATA SHEET

### 10.5 INCOMPATIBLE MATERIALS

Oxidizers. Water, moisture or humid air can cause hazardous vapors to form (methyl ethyl ketoxime).

### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

May include, and are not limited to: oxides of carbon, silicon dioxide, formaldehyde, nitrogen oxides.

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

**Likely Routes of Exposure:** Skin contact, skin absorption, eye contact, inhalation, and ingestion.

**Symptoms related to physical/chemical/toxicological characteristics:**

**Eye:** Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.

**Skin:** Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause an allergic skin reaction.

**Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

**Inhalation:** May cause respiratory tract irritation. May cause headache and dizziness.

**Acute Toxicity:**

Ingredient	LC50	LD50
Siloxanes and Silicones, di-Me, hydroxy-terminated	Not available.	Oral >64 mL/kg, rat Dermal >16 mL/kg, rabbit
Silica, amorphous, fumed	Inhalation >2.2 mg/L 1h, rat	Oral >5000 mg/kg, rat Dermal >2000 mg/kg, rabbit
Distillates (petroleum), hydrotreated middle	Inhalation 4.6 mg/L 4 h, rat	Oral >5000 mg/kg, rat Dermal >2000 mg/kg, rabbit
Triacetoxyethylsilane	Not available.	Oral 1462 mg/kg, rat
Butan-2-one O,O',O''-(methylsilyldiyl)trioxime	Not available.	Oral 2453 mg/kg, rat Dermal > 2000 mg/kg, rabbit
Diphenoxarsin-10-yl oxide	Not available.	Oral 40mg/kg, rat

#### Calculated overall Chemical Acute Toxicity Values

LC50 (inhalation)	LD50 (oral)	LD50 (dermal)
Not available.	> 2000 mg/kg, rat	> 2000 mg/kg, rabbit

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)*
Siloxanes and Silicones, di-Me, hydroxy-terminated	Not listed.
Silica, amorphous, fumed	I-3
Distillates (petroleum), hydrotreated middle	Not listed.
Triacetoxyethylsilane	Not listed.
Butan-2-one O,O',O''-(methylsilyldiyl)trioxime	Not listed.
Diphenoxarsin-10-yl oxide	I-1, N-1, CP65

\* See Section 15 for more information.

### 11.2 DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT- AND LONG-TERM EXPOSURE

**Skin Corrosion/Irritation:** Causes skin irritation.

## SAFETY DATA SHEET

<b>Serious Eye Damage/Irritation:</b>	Causes serious eye damage.
<b>Respiratory Sensitization:</b>	Based on available data, the classification criteria are not met.
<b>Skin Sensitization:</b>	May cause an allergic skin reaction.
<b>STOT-Single Exposure:</b>	Based on available data, the classification criteria are not met.
<b>Chronic Health Effects:</b>	
<b>Carcinogenicity:</b>	Based on available data, the classification criteria are not met.
<b>Germ Cell Mutagenicity:</b>	Based on available data, the classification criteria are not met.
<b>Reproductive Toxicity:</b>	
<b>Developmental:</b>	Based on available data, the classification criteria are not met.
<b>Teratogenicity:</b>	Based on available data, the classification criteria are not met.
<b>Embryotoxicity:</b>	Based on available data, the classification criteria are not met.
<b>Fertility:</b>	Based on available data, the classification criteria are not met.
<b>STOT-Repeated Exposure:</b>	Causes damage to organs through prolonged or repeated exposure.
<b>Aspiration Hazard:</b>	Based on available data, the classification criteria are not met.
<b>Toxicologically Synergistic Materials:</b>	Not available.
<b>Other Information:</b>	Not available.

### Section 12: ECOLOGICAL INFORMATION

#### 12.1 ECOTOXICITY

**Acute/Chronic Toxicity:** May cause long-term adverse effects in the aquatic environment.

#### 12.2 PERSISTENCE AND DEGRADABILITY

Not available.

#### 12.3 BIOACCUMULATIVE POTENTIAL

**Bioaccumulation:** Not available.

#### 12.4 MOBILITY IN SOIL

Not available.

#### 12.5 OTHER ADVERSE EFFECTS

Not available.

### Section 13: DISPOSAL CONSIDERATIONS

#### 13.1 WASTE TREATMENT METHODS

**Disposal Method:** This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

**Other disposal recommendations:** Not available.

## SAFETY DATA SHEET

### Section 14: TRANSPORT INFORMATION

#### 14.1 UN NUMBER

**DOT**

Not regulated.

**TDG**

Not regulated.

#### 14.2 UN PROPER SHIPPING NAME

**DOT**

Not applicable.

**TDG**

Not applicable.

#### 14.3 TRANSPORT HAZARD CLASS (ES)

**DOT**

Not applicable.

**TDG**

Not applicable.

#### 14.4 PACKING GROUP

**DOT**

Not applicable.

**TDG**

Not applicable.

#### 14.5 ENVIRONMENTAL HAZARDS

Not available.

#### 14.6 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not available.

#### 14.7 SPECIAL PRECAUTIONS FOR USER

Do not handle until all safety precautions have been read and understood.

### Section 15: REGULATORY INFORMATION

#### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATIONS SPECIFIC FOR THE CHEMICAL

**Canada:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

**US:** SDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

SARA Title III				
Ingredient	Section 302 (EHS) TPQ (lbs.)	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 313
Siloxanes and Silicones, di-Me, hydroxy-terminated	Not listed.	Not listed.	Not listed.	Not listed.
Silica, amorphous, fumed	Not listed.	Not listed.	Not listed.	Not listed.
Distillates (petroleum), hydrotreated middle	Not listed.	Not listed.	Not listed.	Not listed.
Triacetoxyethylsilane	Not listed.	Not listed.	Not listed.	Not listed.
Butan-2-one O,O',O''-(methylsilyldiyl)trioxime	Not listed.	Not listed.	Not listed.	Not listed.
Diphenoxarsin-10-yl oxide	500/10,000	500	Not listed.	Not listed.

#### State Regulations

##### California Proposition 65:

This product contains a chemical known to the State of California to cause cancer.



## SAFETY DATA SHEET

**Global Inventories:**

Ingredient	Canada DSL/NDSL	USA TSCA
Siloxanes and Silicones, di-Me, hydroxy-terminated	DSL	Yes.
Silica, amorphous, fumed	DSL	Yes.
Distillates (petroleum), hydrotreated middle	DSL	Yes.
Triacetoxyethylsilane	DSL	Yes.
Butan-2-one O,O',O''-(methylsilyldiene)trioxime	DSL	Yes.
Diphenoxarsin-10-yl oxide	DSL	No.

### NFPA National Fire Protection Association:

<b>Health:</b>	3
<b>Fire:</b>	1
<b>Reactivity:</b>	0

### HMIS-Hazardous Materials Identification System

<b>Health:</b>	3*
<b>Fire:</b>	1
<b>Physical Hazard:</b>	0

**Hazard Rating:** 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

**SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:**

**CP65**      **California Proposition 65**

**OSHA (O)**      **Occupational Safety and Health Administration.**

**ACGIH (G)**      **American Conference of Governmental Industrial Hygienists.**

- A1 - Confirmed human carcinogen.
- A2 - Suspected human carcinogen.
- A3 - Animal carcinogen.
- A4 - Not classifiable as a human carcinogen.
- A5 - Not suspected as a human carcinogen.

**IARC (I)**      **International Agency for Research on Cancer.**

- 1 - The agent (mixture) is carcinogenic to humans.
- 2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
- 2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.
- 3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
- 4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

**NTP (N)**      **National Toxicology Program.**

- 1 - Known to be carcinogens.
- 2 - Reasonably anticipated to be carcinogens.

### Section 16: OTHER INFORMATION

**Date of Preparation:**      October 8, 2014

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## SAFETY DATA SHEET

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**Prepared for:** Tower Sealants

### End of Safety Data Sheet