

## SAFETY DATA SHEET

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Name of the Product:** STATBOND WET SET, Mixture  
**Recommended Use:** No use is specified.  
**Company:** Staticworx  
 4706 Waterbury Stowe Road  
 Waterbury Center, VT 05677

**Telephone Number for Information:** (617) 923-2000  
**Emergency Phone Number:** 800-255-3924 or Local Poison Control Center

### SECTION 2: HAZARD(S) IDENTIFICATION

**Classification (GHS-US):** Not classified  
**Labeling (GHS-US):** No labeling applicable  
**Other Hazards:** Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.  
**Unknown Acute Toxicity (GHS-US):** Not available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture	Name	Product Identifier	% (w/w)
	Graphite*	(CAS No) 7782-42-5	15 - 40
	Titanium dioxide*	(CAS No) 13463-67-7	10 - 30

\*This product contains a material that may be hazardous when present as an airborne dust. Since this product is in a liquid form, the material is not able to become airborne and cannot be inhaled. Thus, the hazards usually associated with this material are not applicable to this product.

### SECTION 4: FIRST AID MEASURES

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

**Skin Contact:** Rinse immediately with plenty of water. Remove contaminated clothing. Rinse affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if redness, pain, or irritation occurs.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

#### Most Important Symptoms and Effects Both Acute and Delayed

**General:** Not expected to present a significant hazard under anticipated conditions of normal use.  
**Skin Contact:** Prolonged exposure may cause skin irritation.  
**Eye Contact:** Prolonged exposure to liquid may cause a mild irritation.  
**Ingestion:** Ingestion is likely to be harmful or have adverse effects.  
**Inhalation:** Prolonged exposure may cause irritation.  
**Chronic Symptoms:** None expected under normal conditions of use.

#### Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

## SECTION 5: FIRE FIGHTING MEASURES

### Extinguishing Media

- Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.
- Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### Special Hazards Arising From the Substance or Mixture

- Fire Hazard:** Not flammable.
- Explosion Hazard:** Product is not explosive.
- Reactivity:** Hazardous reactions will not occur under normal conditions.

### Advice for Firefighters

- Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.
- Firefighting Instructions:** Use water spray or fog for cooling exposed containers.
- Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.
- Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides.

### Reference to Other Sections

Refer to section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Avoid all contact with skin, eyes, or clothing. Avoid breathing vapor, mist, or spray.
- For Non-Emergency Personnel:** Protective Equipment: Use appropriate personal protection equipment (PPE).  
Emergency Procedures: Evacuate unnecessary personnel.
- For Emergency Personnel:** Protective Equipment: Equip cleanup crew with proper protection.  
Emergency Procedures: Stop leak if safe to do so. Ventilate area.
- Environmental Precautions:** Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
- Methods For Cleaning Up:** Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.
- Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Reference to Other Sections:** See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

## SECTION 7: HANDLING AND STORAGE

- Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
- Technical Measures:** Comply with applicable regulations.
- Proper Storage:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
- Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- Specific End Use(s)** No use is specified.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government

**Graphite (7782-42-5)**

USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (all forms except graphite fibers-respirable fraction)
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (synthetic-total dust) 5 mg/m <sup>3</sup> (synthetic-respirable fraction)
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	2.5 mg/m <sup>3</sup> (natural-respirable dust)
USA IDLH	US IDLH (mg/m <sup>3</sup> )	1250 mg/m <sup>3</sup>
Alberta	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (all forms except Graphite fibres-respirable)
British Columbia	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (all forms except Graphite fibres-respirable)
Manitoba	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (all forms except Graphite fibers-respirable fraction)
New Brunswick	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (all forms except graphite fibres)
Newfoundland & Labrador	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (all forms except Graphite fibers-respirable fraction)
Nova Scotia	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (all forms except Graphite fibers-respirable fraction)
Nunavut	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> (synthetic-respirable mass) 10 mg/m <sup>3</sup> (synthetic, total mass)
Northwest Territories	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> (synthetic-respirable mass) 10 mg/m <sup>3</sup> (synthetic, total mass)
Ontario	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (except Graphite fibres-respirable)
Prince Edward Island	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (all forms except Graphite fibers-respirable fraction)
Québec	VEMP (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica, except Graphite fibres-respirable dust)
Saskatchewan	OEL STEL (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup> (natural, except Graphite fibres-respirable fraction)
Saskatchewan	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (natural, except Graphite fibres-respirable fraction)
Yukon	OEL TWA (mg/m <sup>3</sup> )	20 mppcf 30 mppcf (synthetic) 10 mg/m <sup>3</sup> (synthetic)

**Titanium dioxide (13463-67-7)**

USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust)
USA IDLH	US IDLH (mg/m <sup>3</sup> )	5000 mg/m <sup>3</sup>
Alberta	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
British Columbia	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (total dust) 3 mg/m <sup>3</sup> (respirable fraction)
Manitoba	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
New Brunswick	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Newfoundland & Labrador	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Nova Scotia	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Nunavut	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> (respirable mass) 10 mg/m <sup>3</sup> (total mass)
Northwest Territories	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> (respirable mass) 10 mg/m <sup>3</sup> (total mass)
Ontario	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Prince Edward Island	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Québec	VEMP (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica-total dust)
Saskatchewan	OEL STEL (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>
Saskatchewan	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Yukon	OEL STEL (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>
Yukon	OEL TWA (mg/m <sup>3</sup> )	30 mppcf 10 mg/m <sup>3</sup>

Appropriate Engineering Controls:	Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.
Individual Protection Measures:	Protective goggles. Gloves. Protective clothing.
Materials for Protective Clothing:	Chemically resistant materials and fabrics.
Hand Protection:	Wear chemically resistant protective gloves.
Eye Protection:	Chemical safety goggles.
Skin and Body Protection:	Wear suitable protective clothing.
Respiratory Protection:	Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.
Environmental Exposure Controls:	Do not allow the product to be released into the environment.
Consumer Exposure Controls:	Do not eat, drink or smoke during use

## SECTION 9: PHYSICAL PROPERTIES

Physical State	Liquid
Appearance	Grey
Odor	Low Odor
Odor Threshold	Not available
pH	6.5 – 8.5
Evaporation Rate	Same as water
Melting Point	Not available
Freezing Point	32oF
Boiling Point	~212oF
Flash Point	>200oF
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Flammability (solid, gas)	Not available
Lower Flammable Limit	Not available
Upper Flammable Limit	Not available
Vapor Pressure	Same as water
Relative Vapor Density at 20 °C	Not available
Relative Density	Not available
Specific Gravity	1.12
Solubility	Water soluble
Partition Coefficient: N-Octanol/Water	Not available
Viscosity	20,000 – 27,000 cps
Explosion Data – Sensitivity to Mechanical Impact	Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	Not expected to present an explosion hazard due to static discharge.

## SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Hazardous reactions will not occur under normal conditions.
Chemical Stability:	Stable under recommended handling and storage conditions (see section 7).
Conditions to Avoid:	Direct sunlight. Extremely high or low temperatures. Incompatible materials.
Incompatible Materials:	Strong acids, strong bases, strong oxidizers.
Hazardous Decomposition Products:	Carbon oxides (CO, CO <sub>2</sub> ). Oxides of titanium.
Hazardous Reactions:	Hazardous polymerization will not occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>Information on Toxicological Effects - Product</b>	
Acute Toxicity:	Not classified

LD50 and LC50 Data:	Not available
Skin Corrosion/Irritation:	Not classified
Serious Eye Damage/Irritation:	Causes serious eye damage
Respiratory or Skin Sensitization:	Not classified
Germ Cell Mutagenicity:	Not classified
Teratogenicity:	Not classified
Carcinogenicity:	Not classified
Specific Target Organ Toxicity (Repeated Exposure):	Not classified
Reproductive Toxicity:	Not classified
Specific Target Organ Toxicity (Single Exposure):	Not classified
Aspiration Hazard:	Not classified
Symptoms/Injuries After Inhalation:	Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact:	Prolonged exposure may cause irritation.
Symptoms/Injuries After Eye Contact:	Prolonged exposure to liquid may cause a mild irritation.
Symptoms/Injuries After Ingestion:	Ingestion is likely to be harmful or have adverse effects
Chronic Symptoms:	None expected under normal conditions of use.

**Information on Toxicological Effects - Ingredient(s)**

**LD50 and LC50 Data:**

<u>Titanium dioxide (13463-67-7)</u>	
LD50 Oral Rat	> 10000 mg/kg
<u>Urea (57-13-6)</u>	
LD50 Oral Rat	8471 mg/kg
ATE US (oral)	8,471.00 mg/kg body weight
<u>Titanium dioxide (13463-67-7)</u>	
IARC Group	2B
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.

**SECTION 12: ECOLOGICAL INFORMATION**

Toxicity	No additional information available
Persistence and Degradability	Not available
Bioaccumulative Potential	
Mobility in Soil	Not available
Other Information	Avoid release to the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Waste Disposal Methods:	Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.
Ecology – Waste Materials:	Avoid release to the environment.

**SECTION 14: TRANSPORTATION INFORMATION**

In Accordance with DOT	Not regulated for transport
In Accordance with IMDG	Not regulated for transport
In Accordance with IATA	Not regulated for transport
In Accordance with TDG	Not regulated for transport

**SECTION 15: REGULATORY INFORMATION**

**US Federal Regulations**

**Graphite (7782-42-5)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

**Titanium dioxide (13463-67-7)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

**SARA Section 311/312 Hazard Classes**      Delayed (chronic) health hazard

**US State Regulations**

**Titanium dioxide (13463-67-7)**

**U.S. - California - Proposition 65 - Carcinogens List**      WARNING: This product contains chemicals known to the State of California to cause cancer.

**Graphite (7782-42-5)**

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

**Titanium dioxide (13463-67-7)**

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

**Canadian Regulations**

**WHMIS Classification**      Uncontrolled product according to WHMIS classification criteria

**Graphite (7782-42-5)**

Listed on the Canadian DSL (Domestic Substances List)

**WHMIS Classification**      Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

**Titanium dioxide (13463-67-7)**

Listed on the Canadian DSL (Domestic Substances List)

**WHMIS Classification**      Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

**SECTION 16: OTHER INFORMATION**

**Revision Date:**      05/06/2015

**Other Information:**      This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Full Text Phrases:**

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.