

SAFETY DATA SHEET FOR STATBOND 5010 2-PART PU ADHESIVE

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 5010 B, Mixture
Recommended Use: No use is specified
Company: StaticWorx, 372 Hurricane Ln Suite 201, Williston, VT 05495
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): Skin Corr. 1B H314
 Eye Dam. 1 H318
 Skin Sens. 1 H317
 Muta. 1B H340
 Aquatic Chronic H411
 Full text of H-phrases: see section 16

Hazard Pictograms (GHS-US):



Signal Word (GHS-US): Danger
Hazard Statement: H314 - Causes severe skin burns and eye damage.
 H317 - May cause an allergic skin reaction.
 H318 - Causes serious eye damage.
 H340 - May cause genetic defects.
 H411 - Toxic to aquatic life with long lasting effects

Precautions Statements: P260 - Do not breathe vapors, mist, or spray.
 P261 - Avoid breathing vapors, mist, or spray.
 P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
 P273 - Avoid release to the environment.
 P280 - Wear protective gloves, protective clothing and eye protection.
 P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting.
 P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other Hazards: May be corrosive to respiratory tract.

Unknown Acute Toxicity (GHS-US): Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**Mixture**

Name	Product Identifier	% (w/w)
Fatty acids, C18-unsaturated, dimers, polymers with tall-oil fatty acids and triethylenetetramine	(CAS No) 68082-29-1	40 - 70
Propanol, oxybis-, dibenzoate	(CAS No) 27138-31-4	7 - 13
2,4,6-Tri(dimethylaminomethyl)phenol	(CAS No) 90-72-2	5 - 10
Carbon black*	(CAS No) 1333-86-4	3 - 7

*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:** Remove contaminated clothing and shoes. Immediately flush skin with plenty of water for at least 60 minutes. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse.
- Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 60 minutes. Immediately call a POISON CENTER or doctor/physician.
- 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:** Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause cancer. May cause heritable genetic damage.
- Skin Contact:** Causes severe skin burns. Symptoms may include: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.
- Eye Contact:** Causes serious eye damage. Symptoms may include: Redness, pain, swelling, itching, burning, tearing, and blurred vision.
- Ingestion:** May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.
- Inhalation:** May be corrosive to the respiratory tract.
- Chronic Symptoms:** May cause cancer. May cause heritable genetic damage.

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 considered flammable but may burn at high temperatures.**Explosion Hazard:** Product is not explosive.**Reactivity:** Thermal decomposition generates corrosive vapors.**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, CO₂). 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. Store in corrosive resistant container with a resistant inner liner.

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.

Carbon black (1333-86-4)

USA ACGIH	ACGIH TWA (mg/m ³)	3 mg/m ³ (inhalable fraction)
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA OSHA	OSHA PEL (TWA) (mg/m ³)	3.5 mg/m ³
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	3.5 mg/m ³ 0.1 mg/m ³ (Carbon black in presence of Polycyclic aromatic hydrocarbons)
USA IDLH	US IDLH (mg/m ³)	1750 mg/m ³
Alberta	OEL TWA (mg/m ³)	3.5 mg/m ³
British Columbia	OEL TWA (mg/m ³)	3 mg/m ³ (inhalable)
Manitoba	OEL TWA (mg/m ³)	3 mg/m ³ (inhalable fraction)
New Brunswick	OEL TWA (mg/m ³)	3.5 mg/m ³
Newfoundland & Labrador	OEL TWA (mg/m ³)	3 mg/m ³ (inhalable fraction)
Nova Scotia	OEL TWA (mg/m ³)	3 mg/m ³ (inhalable fraction)
Nunavut	OEL STEL (mg/m ³)	7 mg/m ³
Nunavut	OEL TWA (mg/m ³)	3.5 mg/m ³
Northwest Territories	OEL STEL (mg/m ³)	7 mg/m ³
Northwest Territories	OEL TWA (mg/m ³)	3.5 mg/m ³
Ontario	OEL TWA (mg/m ³)	3 mg/m ³ (inhalable)
Prince Edward Island	OEL TWA (mg/m ³)	3 mg/m ³ (inhalable fraction)
Québec	VEMP (mg/m ³)	3.5 mg/m ³
Saskatchewan	OEL STEL (mg/m ³)	7 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	3.5 mg/m ³
Yukon	OEL STEL (mg/m ³)	7 mg/m ³
Yukon	OEL TWA (mg/m ³)	3.5 mg/m ³

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. Insufficient ventilation: wear respiratory protection. Face shield.

Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

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:	Black Paste
Odor:	Amine odor
Odor Threshold:	Not available
pH:	Not available
Evaporation Rate:	Not available
Melting Point:	Not available
Freezing Point:	~ 32 °F
Boiling Point:	199 °C (390.20 °F)
Flash Point (TCC):	> 93 °C (> 199.40 °F)
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:	Not available
Relative Vapor Density at 20 °C:	Not available
Relative Density:	Not available
Specific Gravity:	1.07
Solubility:	Not available
Partition Coefficient:	
N-Octanol/Water:	Not available
Viscosity:	180,000 – 280,000 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:	Thermal decomposition generates corrosive vapors.
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 ₂). Nitrogen oxides.
Hazardous Reactions:	Hazardous polymerization will not occur under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION**Information on Toxicological Effects - Product**

Acute Toxicity:	Not classified
LD50 and LC50 Data:	
ATE US (oral)	1,203.53 mg/kg body weight
ATE US (dust, mist)	3.41 mg/l/4h
Skin Corrosion/Irritation:	Causes skin irritation
Serious Eye Damage/Irritation:	Causes serious eye damage
Respiratory or Skin Sensitization:	May cause an allergic skin reaction
Germ Cell Mutagenicity:	May cause genetic defects.
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:	May be corrosive to the respiratory tract.
Symptoms/Injuries after Skin Contact:	Causes severe skin burns. Symptoms may include: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.
Symptoms/Injuries after Eye Contact:	Causes serious eye damage. Symptoms may include: Redness, pain, swelling, itching, burning, tearing, and blurred vision.
Symptoms: Injuries after Ingestion:	May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.
Chronic Symptoms:	May cause heritable genetic damage.

Information on Toxicological Effects - Ingredient(s)**LD50 and LC50 Data:**

Fatty acids, C18-unsaturated, dimers, polymers with tall-oil fatty acids and triethylenetetramine (68082-29-1)

LD50 Oral Rat: > 2000 mg/kg

LD50 Dermal Rat: > 2000 mg/kg

2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2)

LD50 Oral Rat 1000 mg/kg

LD50 Dermal Rat 1280 mg/kg

Carbon black (1333-86-4)

LD50 Oral Rat > 8000 mg/kg

Carbon black (1333-86-4)

IARC Group 2B

OSHA Hazard Communication

Carcinogen List In OSHA Hazard Communication Carcinogen list.

SECTION 12: ECOLOGICAL INFORMATION**Toxicity**

Ecology - General: Toxic to aquatic life with long lasting effects.

Carbon black (1333-86-4):

EC50 Daphnia 1 5600 mg/l (Exposure time: 24 h - Species: Daphnia magna)

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**

Proper Shipping Name	CORROSIVE LIQUIDS, N.O.S.(Triethylenetetramine and 2,4,6-Tri(dimethylaminomethyl)phenol)
Hazard Class	8
Identification Number	UN1760
Label Codes	8
Packing Group	II
Marine Pollutant	Marine pollutant
ERG Number	154

**In Accordance with IMDG**

Proper Shipping Name	CORROSIVE LIQUID, N.O.S. (Triethylenetetramine and 2,4,6-Tri(dimethylaminomethyl)phenol)
Hazard Class	8
Identification Number	UN1760
Packing Group	II
Label Codes	8
EmS-No. (Fire)	F-A
EmS-No. (Spillage)	S-B
Marine pollutant	Marine pollutant

**In Accordance with IATA**

Proper Shipping Name	CORROSIVE LIQUID, N.O.S. (Triethylenetetramine and 2,4,6-Tri(dimethylaminomethyl)phenol)
Packing Group	II
Identification Number	UN1760
Hazard Class	8
Label Codes	8
ERG Code (IATA)	8L

In Accordance with TDG

Proper Shipping Name	CORROSIVE LIQUID, N.O.S.(Triethylenetetramine and 2,4,6-Tri(dimethylaminomethyl)phenol)
Packing Group	II
Hazard Class	8
Identification Number	UN1760
Label Codes	8
Marine Pollutant (TDG)	Marine Pollutant

**SECTION 15: REGULATORY INFORMATION****US Federal Regulations**

SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard
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Fatty acids, C18-unsaturated, dimers, polymers with tall-oil fatty acids and triethylenetetramine (68082-29-1)

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

Propanol, oxybis-, dibenzoate (27138-31-4)

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

2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2)

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

US State Regulations

Carbon black (1333-86-4)	U.S. - Massachusetts – Right-to-Know List U.S. - New Jersey - Right-to-Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances U.S. - Pennsylvania - RTK (Right-to-Know) List
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Canadian Regulations

WHMIS Classification	Class E - Corrosive Material Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects
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**Fatty acids, C18-unsaturated, dimers, polymers with tall-oil fatty acids and triethylenetetramine (68082-29-1)**

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects Class E - Corrosive Material
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Propanol, oxybis-, dibenzoate (27138-31-4)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification	Uncontrolled product according to WHMIS classification criteri
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2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects Class E - Corrosive Material**Carbon black (1333-86-4)**

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure 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** 05/11/2015**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:**
H314 Causes severe skin burns and eye damage
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H340 May cause genetic defects
H411 Toxic to aquatic life with long lasting effects

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.