SECTION 1: IDENTIFICATION

Product Identifier
- Product Form: Polyurethane
- Product Name: GMX Elastomeric Coating

Name, Address, and Telephone of the Responsible Party
- Manufacturer: GMX, Inc.
  P.O. Box 743
  Matthews, NC 28106

Emergency Telephone Number
- Emergency Number: 1-800-424-9300 (CHEMTREC)
- Main Switch Board: (704) 334-8222

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture
- Classification (GHS-US)
  - Flam. Liq. 3: H226
  - Asp. Haz. 1: H304
  - Skin Irrit. 2: H315
  - Skin Sens. 1: H317
  - Eye Irrit. 2A: H319
  - Acute Inhal. 2: H330
  - Resp. Sens., 1: H334
  - Mutagenicity, 1B: H340
  - Carc., 1B: H350
  - Carc., 2B: H351
  - Aquatic Acute 1: H400
  - Aquatic Acute 2: H401
  - Aquatic Chronic 3: H412

Label Elements
- GHS-US Labeling
- Hazard Pictograms (GHS-US)

Signal Word (GHS-US): Danger
- H226 – Flammable liquid and vapor.
- H304 – May be fatal if swallowed and enters airways
- H315 – Causes skin irritation
- H317 – May cause an allergic skin reaction.
- H319 – Causes serious eye irritation.
- H330 – Fatal if inhaled
- H334 – May cause allergy of asthma symptoms or breathing difficulties if inhaled.
- H340 – May cause genetic defects.
- H350 – May cause cancer.
- H351 – Suspected of causing cancer
- H400 – Very toxic to aquatic life.
H401 – Toxic to aquatic life.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements (GHS-US):

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting/equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P260 - Do not breathe spray.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P274 - Wear appropriate protective gloves/protective clothing/eye protection/face protection.
P281 - Use personal protective equipment as required.
P284 - Wear respiratory protection.
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P304 + P341 - IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
P308 + P313 - IF exposed or concerned: Get medical advice/attention.
P310 - Immediately call a POISON CENTER or doctor/physician.
P320 - Specific treatment is urgent (see supplemental first aid instructions on this label).
P321 - Specific treatment (see supplemental instructions on the administration of antidotes on this label).
P331 - Do NOT induce vomiting.
P332 + P313 - If skin irritation occurs: Get medical advice/attention.
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P362 - Take off contaminated clothing and wash before reuse.
P363 - Wash contaminated clothing before reuse.
P370 + P378 - In case of fire: Use (See Section 5) for extinction.
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container to an approved landfill.

Other Hazards
Other Hazards Not Contributing to the Classification: Not available.

Unknown Acute Toxicity (GHS-US)
No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance
Not available
GMX Elastomeric Coating
Safety Data Sheet
According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations
Revision Date: N/A Date of issue: 09/15/2015

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Product identifier</th>
<th>% (w/w)</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black</td>
<td>CAS No (1333-86-4)</td>
<td>5-10</td>
<td>H351 - Carc. 2</td>
</tr>
<tr>
<td>Toluene diisocyanate</td>
<td>CAS No (26471-62-5)</td>
<td>0.1-1</td>
<td>H315 - Skin Irrit. 2, H317 - Skin Sens. 1, H319 - Eye Irrit. 2A, H330 - Acute Tox. 1 (Inhalation: dust, mist), H334 - Resp. Sens. 1A, H335 - STOT SE 3, H412 - Aquatic Chronic 3</td>
</tr>
<tr>
<td>Stoddard Solvent</td>
<td>CAS No (8052-41-3)</td>
<td>1-5</td>
<td>H226 - Flam. Liq. 3, H340 - Muta. 1B, H350 - Carc. 1B, H304 - Asp. Tox. 1, H400 - Aquatic Acute 1, H411 - Aquatic Chronic 2</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES
Description of First Aid Measures
First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.
First-aid Measures After Inhalation: Leave area to breathe fresh air. Oxygen therapy may be necessary, seek medical attention if needed. Should be observed by physician immediately if exposure is severe.
First-aid Measures After Skin Contact: Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
First-aid Measures After Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
First-aid Measures After Ingestion: Do not induce vomiting. Call a physician or Poison Control Center immediately. Give 3-4 glasses of water, but DO NOT induce vomiting. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE-FIGHTING MEASURES
Extinguishing Media
Suitable Extinguishing Media: Dry chemical. Foam. Carbon dioxide (CO2).
Special Hazards Arising From the Substance or Mixture
Keep product and empty container away from heat and sources of ignition.
Advice for Firefighters
Firefighting Instructions: Exercise caution when fighting any chemical fire.
Protection During Fighting: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Reference to Other Sections
Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES
Personal Precautions, Protective Equipment and Emergency Procedures
General Measures: Use personal protective equipment. Remove all sources of ignition. Ventilate spill area.
For Non-emergency Personnel
Protective Equipment: Use appropriate personal protection equipment (PPE).
For Emergency Responders
Protective Equipment: Equip cleanup crew with proper protection.
Emergency Procedures: Ventilate area.
Environmental Precautions
Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
Methods and Material for Containment and Cleaning Up
For Containment and Clean Up: Cured material can be scraped up and collected in waste disposal container. Do not close the waste disposal container air-tight. If material gets contaminated, it can react and cause rupture of the container.
Reference to Other Sections
See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE
Precautions for Safe Handling

Store in a cool, dry area. Avoid contact with skin, eyes and clothing. Keep container tightly closed. Do not contaminate with water.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Keep away from heat and sources of ignition. Keep out of the reach of children. Keep in a dry, cool and well-ventilated place.

Incompatible Materials: Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls

Appropriate Engineering Controls: Do not allow ventilation equipment to draw material odors indoors.

Personal Protective Equipment: Gloves. Protective goggles.

Hand Protection: Protective gloves.

Eye Protection: Goggles. If splashes are likely to occur, wear. Face-shield.


Respiratory Protection: Wear MSHA/NIOSH approved organic vapor or charcoal filtered cartridge respirator or positive pressure supplied air respirator with full-face piece or an air-supplied hood if airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS.

Hygiene Measures: When using, do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin, eyes and clothing. Wash hands before breaks and at the end of workday.

Other Information: When using, do not eat, drink, or smoke.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>Ontario TWAEV</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black</td>
<td>mg/m3</td>
<td></td>
<td>mg/m3</td>
<td>TWA: 3.5 mg/m3</td>
</tr>
<tr>
<td>Toluene diisocyanate</td>
<td>TWA: 0.005 ppm STEL: 0.02 ppm</td>
<td>CEV: 0.02 ppm CEV: 0.8 µmol/m³ TWA: 0.005 ppm TWA: 0.2 µmol/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stoddard Solvent</td>
<td>TWA: 100 ppm</td>
<td>TWA: 2900 mg/m³ TWA: 500 ppm</td>
<td>TWA: 525 mg/m³</td>
<td>STEL: 200 ppm STEL: 1050 mg/m³ TWA: 523 mg/m³ TWA: 100 ppm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black</td>
<td>1750 mg/m³</td>
</tr>
<tr>
<td>Stoddard Solvent</td>
<td>20000 mg/m³</td>
</tr>
</tbody>
</table>

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Fluid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Black</td>
</tr>
<tr>
<td>Odor</td>
<td>Oily, solvent</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative Evaporation Rate (butyl acetate = 1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>300-550°F / 148.8-287.8°C</td>
</tr>
<tr>
<td>Flash Point</td>
<td>150°F / 65.6°C</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
<tr>
<td>Lower Flammable Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper Flammable Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
</tbody>
</table>
**GMX Elastomeric Coating**

Safety Data Sheet

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

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**Relative Vapor Density at 68°F (20°C):** Not available

**Relative Density:** 9.18 - 9.51

**Specific Gravity:** Not available

**Solubility:** Insoluble in water. Reacts slowly with water

- **Partition coefficient: n-octanol/water:** Not available
- **Explosion Data – Sensitivity to Mechanical Impact:** Not available
- **Explosion Data – Sensitivity to Static Discharge:** Not available
- **VOC Content:** 100 g/L

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**SECTION 10: STABILITY AND REACTIVITY**

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** None under normal processing.

**Conditions to Avoid:** Protect from water.

**Incompatible Materials:** Water, Alcohols, Amines, Acids, Bases, High temperature.

---

**SECTION 11: TOXICOLOGICAL INFORMATION**

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black</td>
<td>15400 mg/kg Rat</td>
<td>3 g/kg Rabbit</td>
<td>0.1 mg/L Rat 4 h 13.9 ppm Rat 4 h 66 ppm Rat 1 h</td>
</tr>
<tr>
<td>Toluene diisocyanate</td>
<td>3360 mg/kg Rat</td>
<td>10000 mg/kg Rabbit</td>
<td>5.2 mg/L Rat 4 h</td>
</tr>
<tr>
<td>Distillates, petroleum, heavy thermal cracked</td>
<td>4320 mg/kg Rat</td>
<td>2000 mg/kg Rabbit 2000 mg/kg Rat</td>
<td></td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>5000 mg/kg Rat</td>
<td>2000 mg/kg Rabbit</td>
<td></td>
</tr>
<tr>
<td>Aromatic solvent</td>
<td>8400 mg/kg Rat</td>
<td>2000 mg/kg Rabbit 3400 ppm Rat 4 h 5.2 mg/L Rat 4 h</td>
<td></td>
</tr>
</tbody>
</table>

**Chronic Toxicity**

**Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black</td>
<td>Group 2B</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Toluene diisocyanate</td>
<td>Group 2B</td>
<td>Reasonably Anticipated</td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

---

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

- **Carbon Black**
  - Water Flea Data
  - *Daphnia magna* EC50 > 5600 mg/L (24 h)

- **Petroleum distillates, hydrotreated light**
  - Water Flea Data
  - *Den-dronereides heteropoda* LC50 = 4720 mg/L (96 h)

- **Aromatic solvent**
  - Water Flea Data
  - *Daphnia magna* EC50 = 6.14 mg/L (48 h)

**Environmental Transport:** No data.

**Environmental Degradation:** No data

**Soil Absorption/Mobility:** No data
SECTION 13: DISPOSAL CONSIDERATIONS

Disposal: Contact the RCRA/Superfund Hotline at (800) 424-9346 or your regional US EPA office for guidance concerning case specific disposal issues. Follow applicable Federal, state, and local regulations.

Contaminated Packaging: Empty containers should be taken for local recycling, recovery or waste disposal.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>RCRA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene diisocyanate - 26471-62-5</td>
<td>waste number U223</td>
</tr>
</tbody>
</table>

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT
Proper Shipping Name: Non-Regulated Material.

In Accordance with IMDG
Proper Shipping Name: Not Regulated.
Hazard Class: 
Identification Number: 
Packing Group: 
Marine Pollutant: 

In Accordance with IATA
Proper Shipping Name: Not Regulated.
Hazard Class: 
Identification Number: 
Packing Group: 
Marine Pollutant: 

In Accordance with TDG
Proper Shipping Name: Not Regulated.
Hazard Class: 
Identification Number: 
Packing Group: 
Marine Pollutant: 

SECTION 15: REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>ENCS</th>
<th>China</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Toluene diisocyanate</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Distillates, petroleum, heavy thermal cracked</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Aromatic solvent</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Stoddard Solvent</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Aromatic Polyurethane polymer mixture</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

TSCA: Complies
DSL: Complies
NDSL: Complies
EINECS: Complies
ELINCS: Complies
ENCS: Complies
China: Complies
KECL: Complies
PICCS: Complies
AICS: Complies
GMX Elastomeric Coating
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According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations
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USA

Federal Regulations

SARA 313
Polycyclic aromatic compounds (PBT); Toluene diisocyanate (mixed isomer) 26471-62-5; 1,2,4-trimethylbenzene 95-63-6

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>SARA 313 - Threshold Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene diisocyanate (CAS #: 26471-62-5)</td>
<td>0.1%</td>
</tr>
</tbody>
</table>

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product contains the following HAPs: Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

State Regulations

California Proposition 65
WARNING: This product contains a chemical(s) known to the State of California to cause cancer.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Category</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>Carcinogen</td>
<td></td>
</tr>
<tr>
<td>Toluene diisocyanate</td>
<td>26471-62-5</td>
<td>Carcinogen</td>
<td></td>
</tr>
</tbody>
</table>

State Right-to-Know

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Toluene diisocyanate</td>
<td>X</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Stoddard Solvent</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

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

WHMIS Hazard Class
B3 Combustible liquid
D2B Toxic materials

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date: 09/16/2015
Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document
GMX, Inc.
P.O. Box 743
Matthews, NC 28106

This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any
specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.

North America GHS US 2015 & WHMIS