

**SECTION 1: IDENTIFICATION**

**1.1 PRODUCT IDENTIFIER**

**Product Name:** PEWTER URETHANE COATING VOC COMPLIANT - POLYOL COMPONENT A  
**Product Code:** U6402PC, U6402PC-1, U6402PC-5

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

**Product Use:** Architectural Coating and Waterproofing  
 Use this product in accordance with all local, regional, national and international regulations.

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

**Name/Address:** Gaco Western LLC  
 1245 Chapman Dr.  
 Waukesha, WI, 53186-5942  
 USA  
**Telephone Number:** 800-331-0196 / **International:** 001-800-331-0196  
**Email:** [sds@gaco.com](mailto:sds@gaco.com)  
**Website:** [www.gaco.com](http://www.gaco.com)

**1.4 EMERGENCY TELEPHONE NUMBER**

For Chemical Emergency  
 Spill, Leak, Fire, Exposure, or Incident  
 Within USA and Canada: 1-800-424-9300  
 Outside USA and Canada: +1-703-527-3887 (collect calls accepted)

**SECTION 2: HAZARD(S) IDENTIFICATION**

**2.1 CLASSIFICATION OF THE CHEMICAL**

**Hazard class:**

HAZARD CLASSIFICATION	CATEGORY
Flammable Liquids	2
Skin Corrosion/Irritation	2
Eye Damage/Irritation	2A
Sensitization - Respiratory	1
Sensitization - Skin	1
Carcinogenicity	2
Toxic to Reproduction	2
STOT RE - Specific Toxic Organ Toxicity (Repeated Exposure)	2

**2.2 LABEL ELEMENTS**

**Hazard pictogram:**

GHS02, GHS07, GHS08



**SAFETY DATA SHEET**

<b>Signal word:</b>	Danger
<b>Hazard statement:</b>	Highly flammable liquid and vapor Causes skin irritation May cause an allergic skin reaction Causes serious eye irritation May cause allergy or asthma symptoms or breathing difficulties if inhaled Suspected of causing cancer Suspected of damaging the unborn child May cause damage to organs <neurological/auditory> through prolonged or repeated exposure <inhalation>
<b>Prevention:</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces/sparks/open flames/hot surfaces. -No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation, wear respiratory protection.
<b>Response:</b>	In case of fire: Use water fog, foam, dry chemical powder, carbon dioxide (CO2) to extinguish. Specific treatment (see Section 8 on this label). If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or a rash occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison/doctor. 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>Storage:</b>	Store in a well-ventilated place. Keep cool. Store locked up.
<b>Disposal:</b>	Dispose of contents and container in accordance with all local, regional, national and international regulations.

**2.3 ADDITIONAL INFORMATION**

<b>Main symptoms:</b>	Suspected of causing cancer. Prolonged exposure may cause chronic effects. Suspected of damaging the unborn child. May cause damage to organs <neurological/auditory> through prolonged or repeated exposure <inhalation>. Difficulty breathing. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Skin irritation. May cause redness and pain. May cause allergic skin reaction. Dermatitis. Rash. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
<b>Hazards not otherwise specified:</b>	Toxic to aquatic life

**SAFETY DATA SHEET**

Toxic to aquatic life with long lasting effects

29.2% of the mixture consists of ingredient(s) of unknown acute toxicity

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

**3.1 MIXTURES**

Material	CAS No.	Weight %*
Nepheline syenite - various grades	37244-86-5	10-30%
4-Chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene	98-56-6	7-13%
Titanium dioxide (dust)	13463-67-7	7-13%
Zinc borate	138265-88-0	5-10%
2,2,4-Trimethyl-1,3-pentanediol	144-19-4	1-5%
Butanone	78-93-3	1-5%
Acetone	67-64-1	1-5%
2,2-Bis(bromomethyl)propane-1,3-diol	3296-90-0	1-5%
Toluene-diisocyanate, mixture of toluene-2,4-di-isocyanate and toluene-2,6-di-isocyanate	26471-62-5	1-5%
Silicon dioxide	7631-86-9	1.5%
Toluene	108-88-3	0.5-1.5%
Bis(2-chloropropyl)1-chloro-2-propyl phosphate	76649-15-5	0.1-1.0%

\*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 MEASURES**

**General information:**

Take off all contaminated clothing immediately. Wash contaminated clothing before reuse. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

**Inhalation:**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician or poison center immediately.

**Skin contact:**

Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and bring along these instructions. Wash contaminated clothing before reuse.

**Eye contact:**

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Ingestion:**

Rinse mouth. Get medical attention if symptoms occur.

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

Suspected of causing cancer. Prolonged exposure may cause chronic effects.

Suspected of damaging the unborn child.

May cause damage to organs <neurological/auditory> through prolonged or repeated exposure <inhalation>.

Difficulty breathing. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin irritation. May cause redness and pain.

**SAFETY DATA SHEET**

May cause allergic skin reaction. Dermatitis. Rash.

Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

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

- Note to physicians:** Treat symptomatically. Symptoms may be delayed. Thermal burns: Flush with water immediately. While flushing, remove clothes that do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.
- Specific treatments:** In case of accident or if you feel unwell, seek medical advice (show the label or SDS where possible).

**SECTION 5: FIRE-FIGHTING MEASURES****5.1 EXTINGUISHING MEDIA**

- General hazards:** Highly flammable liquid and vapor
- Suitable extinguishing media:** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media:** Do not use water jet as an extinguisher as this will spread the fire.

**5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

- Specific hazards:** Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.
- Products of combustion:** May include, and are not limited to: oxides of carbon.

**5.3 Special protective equipment and precautions for fire-fighters (PPE)**

- Special protective equipment for fire-fighters:** In case of fire and/or explosion, do not breathe fumes. Move containers from fire area if you can do it without risk.
- Special fire-fighting procedures:** Keep upwind of fire. Move containers from fire area if you can do it without risk.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

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

- Methods for containment:** Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Use appropriate Personal Protective Equipment (PPE).
- Methods for cleaning-up:** Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. For waste disposal, see Section 13 of the SDS.
- Large spills:** Stop the flow of material, if this is without risk. Dike the spilled material,

**SAFETY DATA SHEET**

where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water. Prevent product from entering drains.

**Small spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**Environmental precautions:** Never return spills to original containers for re-use. Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases.

**SECTION 7: HANDLING AND STORAGE**

**7.1 PRECAUTIONS FOR SAFE HANDLING**

**Precautions for Safe handling:** Vapors may form explosive mixtures with air. Do not handle or store near an open flame, heat or other sources of ignition. Do not smoke. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**General hygiene advice:** Ensure that medical personnel are aware of the materials(s) involved, and take precautions to protect themselves.

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

**Storage:** Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Keep container tightly closed. Store in a cool and well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

**Specific use:** Architectural Coating and Waterproofing

**Technical measures:** Vapors may form explosive mixtures with air. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment.

**Incompatible materials:** None known. Avoid strong oxidizing agents.

**Safe storage:** Store away from incompatible materials.

**Safe packaging material:** Keep in original container.

**Precautions:** Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Take precautionary measures against static discharges.

**Safe handling advice:** Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Take precautionary measures against static discharges. Use personal protection recommended in Section 8 of the SDS.

**Suitable storage conditions:** Keep away from heat, sparks and open flame. Keep container tightly closed. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Keep in an area equipped with sprinklers.

**Handling-technical measures:** Use non-sparking tools and explosion-proof equipment. All equipment used when handling this product must be grounded.

**Local and general ventilation:** Provide adequate ventilation.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 CONTROL PARAMETERS**

**Control parameters:** Follow standard monitoring procedures.

**Exposure limits:****Nepheline syenite - various grades**OSHA PEL: 5 mg/m<sup>3</sup> TQA resp

OSHA TLV: none

**4-Chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene**OSHA PEL 2.5 mg.m<sup>3</sup> (dust)**Titanium dioxide (dust)**

NIOSH REL: Ca See Appendix A

OSHA PEL<sup>+</sup>: TWA 15 mg/m<sup>3</sup>

No significant exposure to primary particles of titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints.

**Zinc borate**ACGIH/TLV: 10 mg/m<sup>3</sup> CalOSHA/PEL: 10 mg/m<sup>3</sup>OSHA/PEL (total dust): 15 mg/m<sup>3</sup>OSHA/PEL (Respirable dust): 5 mg/m<sup>3</sup>**Butanone**

OSHA:

PEL-TWA ppm: 200

PEL-TWA mg/m<sup>3</sup>: 590

NIOSH:

REL-TWA ppm: 200

REL-TWA mg/m<sup>3</sup>: 590

REL-STEL ppm: 300

REL-STEL mg/m<sup>3</sup>: 885

IDLH ppm: 3000

**Acetone**

OSHA:

PEL-TWA ppm: 1000

PEL-TWA mg/m<sup>3</sup>: 2400

NIOSH:

REL-TWA ppm: 250

REL-TWA mg/m<sup>3</sup>: 590

IDLH ppm: 2500

IDLH Notes: 10% of LEL

**Toluene-diisocyanate, mixture of toluene-2,4-di-isocyanate and toluene-2,6-di-isocyanate**OSHA: PEL-C ppm: 0.02, PEL-C mg/m<sup>3</sup>: 0.14

NIOSH: IDLH ppm: 2.5, IDLH Notes: Ca

Notes: CARCINOGEN (Ca); REDUCE EXPOSURE TO LOWEST FEASIBLE CONCENTRATION

**Silicon dioxide**NIOSH REL: TWA 6 mg/m<sup>3</sup>OSHA PEL<sup>+</sup>: TWA 20 mppcf (80 mg/m<sup>3</sup>/%SiO<sub>2</sub>) See Appendix C (Mineral Dusts)

No significant exposure to primary particles of silicon dioxide is thought to occur during the use of products in which silicon dioxide is bound to other materials, such as in paints.

**8.2 EXPOSURE CONTROLS**

**Engineering measures to reduce exposure:**

Explosion-proof general and local exhaust ventilation. Eye wash facilities and emergency shower must be available when handling this product.

**8.3 INDIVIDUAL PROTECTIVE MEASURES**

- General:** Eye wash fountain and emergency showers are recommended. Use personal protective equipment as required.
- Eye protection:** Wear safety glasses with side shields (or goggles).
- Hand protection:** Wear appropriate chemical resistant gloves.
- Respiratory protection:** If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
- Skin and body protection:** Wear appropriate chemical resistant clothing.
- Hygiene measures:** When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.
- Control parameters:** Follow standard monitoring procedures.
- Thermal hazards:** Wear appropriate thermal protective clothing, when necessary.

**Environmental exposure controls:** Inform appropriate managerial or supervisory personnel of all environmental releases.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

- Appearance:** Viscous light gray liquid
- Color:** light gray
- Form:** Liquid
- Odor:** Strong Solvent
- Odor Threshold:** Not available
- Physical State:** Liquid
- pH (at 20°C):** Not applicable
- Melting Point/Freezing Point:** Not available
- Initial Boiling Point and Boiling Range:** Not available
- Flash Point:** -4F/-20°C
- Evaporation Rate:** Not available
- Flammability (solid, gaseous):** Highly flammable liquid and vapor
- Lower Flammability/Explosive Limit:** Not available
- Upper Flammability/Explosive Limit:** Not available
- Evaporation rate:** Not available
- Vapor Pressure (mm Hg @38°C):** Not available
- Vapor Density:** Not available
- Density (lb/gal):** 14.7
- Relative Density/Specific Gravity:** 1.76
- Solubility in water/miscibility:** Not available
- Partition coefficient: n-octanol/water:** Not available
- Auto-ignition Temperature:** Not available

## SAFETY DATA SHEET

<b>Decomposition Temperature:</b>	Not available
<b>Viscosity (at 20°C) g/L:</b>	Not available
<b>Oxidizing Properties:</b>	Not available
<b>Explosive Properties:</b>	Not available
<b>VOC:</b>	< 10 g/L
<b>Solvent content - Organic:</b>	0%
<b>Solvent content - Water:</b>	0%
<b>Solvent content - Solids:</b>	80.95%
<b>Other information:</b>	Not available
<b>Incompatibilities:</b>	None known. Avoid strong oxidizing agents.

## SECTION 10: STABILITY AND REACTIVITY

- 10.1 REACTIVITY** The product is stable and non-reactive under normal conditions of use, storage and transport.
- 10.2 CHEMICAL STABILITY**
- Chemical stability:** Material is stable under normal conditions.
- Materials to avoid:** The product is stable and non-reactive under normal conditions of use, storage and transport.
- 10.3 POSSIBILITY OF HAZARDOUS REACTIONS**
- Hazardous reactions:** No dangerous reaction known under conditions of normal use.
- 10.4 CONDITIONS TO AVOID** Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.
- 10.5 INCOMPATIBLE MATERIALS** None known. Avoid strong oxidizing agents.
- 10.6 HAZARDOUS DECOMPOSITION PRODUCTS**
- Hazardous decomposition products:** No hazardous decomposition products are known.
- Hazardous polymerization:** Does not occur.
- Other information:** Not available.

## SECTION 11: TOXICOLOGICAL INFORMATION

## 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

<b>Acute toxicity:</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled. Causes skin irritation. May cause an allergic skin reaction. Dermatitis. Rash. Causes serious eye irritation.
<b>Likely routes of exposure:</b>	Skin contact. Eye contact. Inhalation.
<b>Eye:</b>	Causes serious eye irritation.
<b>Skin:</b>	Causes skin irritation. May cause an allergic skin reaction. Dermatitis. Rash.
<b>Ingestion:</b>	Not an expected route of exposure. Expected to be a low ingestion hazard.
<b>Inhalation:</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**LD50/LC50 values relevant to this classification:**

**4-Chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene**  
 Oral rat LD50 5546 mg/kg bw



**SAFETY DATA SHEET**

Oral rat LD50 7270 mg/kg bw  
 Inhal rat LC50 32.03 mg/L air 4hr  
 Derm rabbit LD50 >5000 mg/kg bw  
 Derm rabbit LD50 >2000 mg/kg bw

**2,2,4-Trimethyl-1,3-pentanediol**

Oral LD50: (Rat): 3,200 mg/kg  
 Dermal LD50: (Guinea Pig): > 20 ml/kg  
 Inhalation LC50 (Rat, 6 h): > 3.3 mg/l

**Butanone**

Oral rat LD50 2193 mg/kg bw

**Acetone**

Oral rat LD50 5800 mg/kg bw  
 Oral rat LD50 7190 mg/kg bw  
 Inhal rat LC50 132 mg/L air 3hr  
 Inhal rat LC50 76.0mg/L air 4hr  
 Derm guinea pig LD50 7426 mg/kg bw  
 Derm rabbit LD50 15,800 mg/kg bw

**2,2-Bis(bromomethyl)propane-1,3-diol**

Oral rat LD50 >2000 mg/kg bw  
 Oral rat LD50 1691-2120 mg/kg bw  
 Derm rabbit LD50 > 5000 mg/kg bw

**Toluene-diisocyanate, mixture of toluene-2,4-di-isocyanate and toluene-2,6-di-isocyanate**

Oral mouse LD50 >2000 mg/kg bw  
 Oral rat LD50 >2000 mg/kg bw (2 tests)  
 Oral rat LD50 5840 mg/kg bw  
 Inhal rat LC50 Combined = 66 ppm (95 % CL: 31 -141 ppm)  
 Inhal rat LC50 350-360 mg/m3 air 4hr  
 Inhal rat LC50 14.1-19 ppm air 6hr  
 Derm rabbit LD50 > 9400 mg/kg bw no deaths

Calculated overall chemical acute toxicity values for this formulation:

Calculated overall Chemical Acute Toxicity Values		
LC50 (inhalation)	LD50 (oral)	LD50 (dermal)
>5 mg/kg (dust and mist)	>2000 mg/kg	>2000 mg/kg

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

**Skin corrosion/irritation:** Causes irritation. May cause redness and pain.  
**Serious eye damage/irritation:** Causes serious eye irritation.  
**Respiratory sensitization:** May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
**Skin sensitization:** May cause an allergic skin reaction.  
**Symptoms and target organs:** Suspected of causing cancer. Prolonged exposure may cause chronic effects. Suspected of damaging the unborn child. May cause damage to organs <neurological/auditory> through prolonged or repeated exposure <inhalation>. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**SAFETY DATA SHEET**

**Chronic health effects:** Suspected of causing cancer. Prolonged exposure may cause chronic effects. Suspected of damaging the unborn child. May cause damage to organs <neurological/auditory> through prolonged or repeated exposure <inhalation>.

**Carcinogenicity:** Suspected of causing cancer.

Material	OSHA(O)	ACGIH(G)	NTP(N)	IARC(I)
Titanium dioxide (dust)	Not listed	A4	Not listed	2B
2,2-Bis(bromomethyl)propane-1,3-diol	Not listed	Not listed	R	2B
Toluene-diisocyanate, mixture of toluene-2,4-di-isocyanate and toluene-2,6-di-isocyanate	CA	A4	R	2B (gas only)

**SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:**

**OSHA (O)** =Occupational Safety and Health Administration  
Ca/Yes = Expected to be carcinogenic  
not listed = Not expected to be carcinogenic

**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  
not listed = Not expected to be carcinogenic

**NTP (N)** =National Toxicology Program  
K =Known to be a carcinogen  
R = Reasonably anticipated to be a carcinogen  
not listed = Not expected to be carcinogenic

**IARC (I)** =International Agency for Research on Cancer  
1 =Carcinogenic to humans  
2A =Probably carcinogenic to humans  
2B =Possibly carcinogenic to humans  
3 =Not classifiable as to its carcinogenicity to humans  
4 =Probably not carcinogenic to humans  
not listed = Not expected to be carcinogenic

**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Reproductive Toxicity:** Suspected of damaging the unborn child.

**Specific Target Organ Toxicity (STOT):**

**Single Exposure:** Not classified as an STOT - Single Exposure.

**Repeated Exposure:** N May cause damage to organs <neurological/auditory> through prolonged or repeated exposure <inhalation>.

**Aspiration Toxicity:** Based on available data, this product is not expected to cause aspiration toxicity.

**Other Information:** Not available.

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 ECOTOXICITY**

**Ecotoxicity:** Toxic to aquatic life.

**Acute aquatic toxicity:** Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

**Chronic toxicity:** Toxic to aquatic life with long lasting effects.

**Environmental effects:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**12.2 PERSISTENCE AND DEGRADABILITY**

**Persistence/biodegradability:** The product contains substances which are not expected to be readily biodegradable.

**12.3 BIOACCUMULATIVE POTENTIAL**

**Bioaccumulation:** No data available.

**12.4 MOBILITY**

**Mobility:** No data available.

**Mobility in soil:** No data available.

**Mobility in non-soil:** No data available.

**12.5 OTHER ADVERSE EFFECTS**

**Ozone layer:** No data available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 WASTE TREATMENT METHODS**

**SAFETY DATA SHEET**

<b>Disposal method:</b>	This material must be disposed of in accordance with all local, state, provincial, and federal regulations.
<b>Contaminated packaging:</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Dispose of contents and container in accordance with all local, regional, national and international regulations.
<b>EU codes:</b>	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Residual waste:</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Disposal instructions:</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents and container in accordance with all local, regional, national and international regulations.
<b>Waste codes:</b>	D001: Waste Flammable material with a flash point <140°F(<60°C) The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Other disposal recommendations:</b>	None

**SECTION 14: TRANSPORT INFORMATION****DOT Non-Bulk**

UN: UN1263

Proper shipping name: PAINT

Hazard class: 3

Packing group: PG II

**DOT Bulk**

UN: UN1263

Proper shipping name: PAINT

Hazard class: 3

Packing group: PG II

**IMDG**

UN: UN1263

Proper shipping name: PAINT

Hazard class: 3

Packing group: PG II

**ICAO/IATA**

UN: UN1263

Proper shipping name: PAINT

Hazard class: 3

Packing group: PG II

**Reportable quantity:** Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material

**SECTION 15: REGULATORY INFORMATION****15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATIONS SPECIFIC FOR THE CHEMICAL****US Federal Regulations:**

**SAFETY DATA SHEET**

**U.S. OSHA (Occupational Safety and Health Administration) Specifically Regulated Substances (29 CFR 1910.1001-1050)**

The following components of this product are found at concentrations greater than or equal to 0.1% and are listed as U.S. OSHA Specifically Regulated Substances.

Material	CAS No.	Amount
Toluene-diisocyanate, mixture of toluene-2,4-di-isocyanate and toluene-2,6-di-isocyanate	26471-62-5	1-5%

**SARA/CERCLA reporting requirements:**

The following components of this product are found at concentrations greater than or equal to 0.1% and are subject to SARA/CERCLA reporting requirements.

Material	SARA 302 (EHSs) TPQ	SARA 304 EHSs RQ	CERCLA RQ	SARA 313 listed	RCRA CODE	CAA 112(r) TQ
Butanone	Not listed	Not listed	5,000	Not listed	U159	Not listed
Acetone	Not listed	Not listed	5,000	Not listed	U002	Not listed
2,2-Bis(bromomethyl)propane-1,3-diol	Not listed	Not listed	Not listed	313	Not listed	Not listed
Toluene-diisocyanate, mixture of toluene-2,4-di-isocyanate and toluene-2,6-di-isocyanate	Not listed	Not listed	100	X	U223	10,000
Toluene	Not listed	Not listed	1,000	313	U220	Not listed

**State Right-to-Know Regulations**

The following components of this product are found at concentrations greater than or equal to 0.1% and subject to state Right-to-Know reporting requirements or are listed as California Proposition 65 chemicals at any concentration.

Material	California Proposition 65	Massachusetts Right-to-Know	Minnesota Employee Right-to-Know	New Jersey Environmental Hazard Right-to-Know	New Jersey Right-to-Know Substance	Pennsylvania Right-to-Know	Rhode Island Right-to-Know
4-Chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene	Not listed	Listed	Not listed	Not listed	Not listed	Not listed	Not listed
Titanium dioxide (dust)	Not listed	Listed	Listed	Not listed	Listed	Listed	Not listed
Propane-1,2-diol, propoxylated	Not listed	Not listed	Listed	Not listed	Not listed	Not listed	Not listed
Butanone	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Listed
Acetone	Not listed	Listed	Listed	Not listed	Listed	Listed	Listed
2,2-Bis(bromomethyl)propane-1,3-diol	Cancer	Not listed	Not listed	Not listed	Listed	Not listed	Listed
Toluene-diisocyanate, mixture of toluene-2,4-di-isocyanate and toluene-2,6-di-isocyanate	Cancer	Listed	Not listed	Not listed	Listed	Listed	Listed
Silicon dioxide	Not listed	Listed	Listed	Not listed	Not listed	Listed	Not listed
Toluene	Dev	Listed	Listed	Listed	Listed	Listed	Listed
Phenol, 2,6-bis(1,1-dimethyl)-4-methyl	Not listed	Listed	Listed	Not listed	Listed	Listed	Not listed
Zirconium dioxide	Not listed	Listed	Not listed	Not listed	Not listed	Not listed	Not listed
Soybean oil, epoxidized	Not listed	Not listed	Not listed	Not listed	Not listed	Listed	Not listed

**Global Inventories:**

Notification status:	
US - TSCA	All substances are listed
Canada -DSL	Not all substances are listed
Canada - NDSL	At least 1 substance is listed
EU - EINECS	Not all substances are listed
EU - ELINCS	No substances are listed
EU - NLP	At least 1 substance is listed
Australia – AICS	Not all substances are listed
China - EICSC	All substances are listed
Japan - ENCS	Not all substances are listed

**SAFETY DATA SHEET**

Korea - KECI	Not all substances are listed
Taiwan - NECI	All substances are listed
New Zealand - NZIoC	Not all substances are listed
Philippine - PICCS	Not all substances are listed

**EU - REACH Status:**

A registration number is not available for substances in this mixture as the substances are exempted from registration, the annual tonnage does not require a registration or the registration is envisioned for a later registration deadline.

**CANADA – WHMIS (Workplace Hazardous Materials Information System) Classification:**

B2, D2A, D2B



**MEXICO:**

**Hazard Classification:** 2-3-0  
**Carcinogen Status:** Carcinogen

**SECTION 16: OTHER INFORMATION**

**HMIS (Hazardous Materials Identification System) rating:**

<b>Health:</b>	<b>2*</b>
<b>Flammability:</b>	<b>3</b>
<b>Physical:</b>	<b>0</b>

**NFPA 704 (National Fire Protection Association) rating:**

<b>Health</b>	<b>2</b>
<b>Fire</b>	<b>3</b>
<b>Reactivity</b>	<b>0</b>

**Legend:**

DOT	US Department of Transportation
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
ACGIH	American Conference of Governmental Industrial Hygienists
NTP	National Toxicology Program
IARC	International Agency for Research on Cancer
PPE	Personal Protective Equipment
RCRA	Resource Conservation and Recovery Act
CAA	Clean Air Act
SARA	Superfund Amendments and Reauthorization Act
EPCRA	Emergency Planning and Community Right-to-Know Act
WHMIS	Workplace Hazardous Materials Information System
EU	European Union
REACH	Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
TSCA	US Toxic Substances Control Act (TSCA)

**SAFETY DATA SHEET**

DSL	Canada Domestic Substance List (DSL)
NDSL	Canada Non-Domestic Substance List (NDSL)
EINECS	European Inventory of Existing Commercial Chemical Substances (EINECS)
ELINCS	European List of Notified Chemical Substances (ELINCS)
NLP	European list of No-longer Polymers (NLP)
AICS	Australian Inventory of Chemical Substances (AICS)
EICSC	China Existing Chemical Inventory - IECSC
ENCS	Japanese Existing and New Chemical Substances Inventory(ENCS)
KECI	Korea Existing Chemicals Inventory(KECI)
NECI	Taiwan National Existing Chemical Inventory (NECI)
NZIoC	New Zealand Inventory of Chemicals (NZIoC)
PICCS	Philippine Inventory of Chemicals and Chemical Substances (PICCS)
HMIS	Hazardous Materials Identification System
NFPA	National Fire Protection Association (NFPA)

**Date of preparation:** March 17, 2016  
**Version:** 1.0  
**Revision Date:** March 17, 2016  
**Disclaimer:** We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.  
**Prepared by:** Gaco Western LLC

**End of Safety Data Sheet**