## SECTION 1: IDENTIFICATION

### 1.1 PRODUCT IDENTIFIER
- **Product Name:** DESERT AROMATIC URETHANE - POLYOL COMPONENT A
- **Product Code:** U6649P, U6649P-5, U6649P-1

### 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
- **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:**

<table>
<thead>
<tr>
<th>HAZARD CLASSIFICATION</th>
<th>CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Damage/Irritation</td>
<td>2A</td>
</tr>
<tr>
<td>Flammable liquids</td>
<td>2</td>
</tr>
</tbody>
</table>

### 2.2 LABEL ELEMENTS
- **Hazard pictogram:** GHS02, GHS07
Signal word: Danger
Hazard statement: Highly flammable liquid and vapor
Causes serious eye irritation
Prevention: 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.
Wash thoroughly after handling.
Wear protective gloves/eye protection/face protection.
Response: In case of fire: Use water fog, foam, dry chemical powder, carbon dioxide (CO2) to extinguish.
If on skin (or hair): Remove/Take off immediately all contaminated clothing.
Rinse skin with water/shower.
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.
Storage: Store in a well-ventilated place. Keep cool.
Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

2.3 ADDITIONAL INFORMATION
Main symptoms: Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Hazards not otherwise specified: Toxic to aquatic life.
Toxic to aquatic life with long lasting effects.

34% of the mixture consists of ingredient(s) of unknown acute toxicity

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES
Comments:

<table>
<thead>
<tr>
<th>Material</th>
<th>CAS No.</th>
<th>Weight %*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nepheline syenite - various grades</td>
<td>37244-86-5</td>
<td>10-30%</td>
</tr>
<tr>
<td>Aluminium hydroxide</td>
<td>21645-51-2</td>
<td>10-30%</td>
</tr>
<tr>
<td>Titanium dioxide (dust)</td>
<td>13463-67-7</td>
<td>5-10%</td>
</tr>
<tr>
<td>Zinc borate</td>
<td>138265-88-0</td>
<td>5-10%</td>
</tr>
<tr>
<td>Methyl isobutyl ketone</td>
<td>108-10-1</td>
<td>5-10%</td>
</tr>
<tr>
<td>Xylene (mixed isomers)</td>
<td>1330-20-7</td>
<td>5-10%</td>
</tr>
<tr>
<td>2,2,4-Trimethyl-1,3-pentanediol</td>
<td>144-19-4</td>
<td>1-5%</td>
</tr>
<tr>
<td>Iron Oxide (yellow)</td>
<td>51274-00-1</td>
<td>1-5%</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
<td>1-5%</td>
</tr>
<tr>
<td>Silicon dioxide</td>
<td>7631-86-9</td>
<td>1-5%</td>
</tr>
<tr>
<td>Butanone</td>
<td>78-93-3</td>
<td>1-5%</td>
</tr>
<tr>
<td>Bis(2-chloropropyl)1-chloro-2-propyl phosphate</td>
<td>76649-15-5</td>
<td>0.1-1.0%</td>
</tr>
</tbody>
</table>
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: Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. 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
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. Thermal burns: Flush with water immediately. While flushing, remove clothes which 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 (CO2)
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: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special fire-fighting procedures: In case of fire and/or explosion do not breathe fumes. Move containers
SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Keep unnecessary personnel away. 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.

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.

Large spills:
Stop the flow of material, if this is without risk. Dike the spilled material, 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. Never return spills to original containers for re-use. For waste disposal, see Section 13 of the SDS.

Environmental precautions:
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

Safe handling advice:
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

**Safe storage:**
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.

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

**Precautions:**
Use personal protective recommended in Section 8 of the SDS.

**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/PERSOAL PROTECTION**

**8.1 CONTROL PARAMETERS**

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

**Exposure limits:**

**Nepheline syenite - various grades**
OSHA:
PEL: 5 mg/m3 TQA resp
NIOSH: None

**Titanium dioxide (dust)**
OSHA:
PEL†: TWA 15 mg/m3
NIOSH:
REL: Ca See Appendix A
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**
OSHA:
PEL: 10 mg/m3
PEL (total dust): 15 mg/m3
PEL (Respirable dust): 5 mg/m3
ACGIH: TLV: 10 mg/m3 Cal

**Methyl isobutyl ketone**
OSHA:
PEL-TWA ppm: 100
PEL-TWA mg/m3: 410
Xylene (mixed isomers)
OSHA:
PEL-TWA ppm: 100
PEL-TWA mg/m3: 435
NIOSH:
REL-TWA ppm: 100
REL-TWA mg/m3: 435
REL-STEL ppm: 150
REL-STEL mg/m3: 655
IDLH ppm: 900

Iron Oxide (yellow)
OSHA:
PEL: TWA 10 mg/m3
NIOSH:
REL: TWA 5 mg/m3
Prolonged inhalation (6-10 years) of Iron oxide has been reported to produce changes in lung x-rays of exposed individuals. This condition, siderosis, is considered to be a benign pneumoconiosis that exhibits no adverse health effects. Siderosis has been observed among occupants such as arc-welders where iron oxide fumes are present. To the best of our knowledge, this condition has not been observed after prolonged exposure to iron oxide pigments.

Ethylbenzene
OSHA:
PEL: TWA 100 ppm (435 mg/m3)
NIOSH:
REL: TWA 100 ppm (435 mg/m3)
ST 125 ppm (545 mg/m3)

Silicon dioxide
OSHA:
PELT: TWA 20 mppcf (80 mg/m3/%SiO2) See Appendix C (Mineral Dusts)
NIOSH:
REL: TWA 6 mg/m3
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.

Butanone
OSHA:
PEL-TWA ppm: 200
PEL-TWA mg/m3: 590
NIOSH:
REL-TWA ppm: 200
REL-TWA mg/m3: 590
REL-STEL ppm: 300
REL-STEL mg/m3: 885
IDLH ppm: 3000
8.2 EXPOSURE CONTROLS

Engineering measures to reduce exposure:

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

8.3 INDIVIDUAL PROTECTIVE MEASURES

General: Eyewash 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 protective 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 suitable protective 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.

Control parameters: Follow standard monitoring procedures.

Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

Environmental exposure controls: Environmental manager must be informed of all major releases.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous desert liquid

Color: Desert

Form: Liquid

Odor: Strong solvent

Odor Threshold: Not available

Physical State: Liquid

pH (at 20°C): Not available

Melting Point/Freezing Point: Not available

Initial Boiling Point and Boiling Range: Not available

Flash Point: 60°F/16°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): 13.67

Relative Density/Specific Gravity: 1.64

Solubility in water/miscibility: Not soluble in water

Partition coefficient: n-octanol/water: Not available

Auto-ignition Temperature: Not available

Decomposition Temperature: Not available

Viscosity (at 25°C) g/L: <140 gku
**Oxidizing Properties:** Not available
**Explosive Properties:** Not available
**VOC:** <250 g/L (<2.086 lb/gal)
**Solvent content - Organic:** Not available
**Solvent content - Water:** Not available
**Solvent content - Solids:** 86.48%
**Other information:** Not available
**Incompatibilities:** None known

---

**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
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

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

**Likely routes of exposure:** Skin contact. Eye contact. Inhalation.
**Eye:** Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
**Skin:** No adverse effects due to skin contact are expected. Prolonged skin contact may cause dryness, redness, or cracking.
**Ingestion:** Not an expected route of exposure. Expected to be a low ingestion hazard.
**Inhalation:** Not an expected route of exposure. No adverse effects due to inhalation are expected.

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

**Aluminium hydroxide**
Oral rat LD50 > 2000 mg/kg bw
Titanium dioxide (dust)
- Oral mouse LD50 > 5000 mg/kg bw
- Oral rat LD50 > 5000 mg/kg bw
- Oral rat LD50 > 2000 mg/kg bw
- Oral rat LD50 > 11000 mg/kg bw
- Inhalat rat LC50 3.43-5.09 mg/L air
- Inhalat rat LC50 > 3.56 mg/L air
- Inhalat rat LC50 > 2.28 mg/L air

Methyl isobutyl ketone
- Oral rat LD50 2080 mg/kg bw
- Inhalat rat LC50 8.2 - 16.4 mg/L air
- Derm rat LD50 > 2,000 mg/kg bw

Xylene (mixed isomers)
- Oral rat LD50 3523-4000 mg/kg bw
- Oral rat LD50 5251-5627 mg/kg bw
- Oral rat LD50 4300 mg/kg bw
- Oral rat LD50 8400 mg/kg
- Derm rabbit LD50 >5000 ml/kg bw (4200 mg/kg)
- Inhalat rat LC50 6700 ppm (29000 mg/m³)
- Inhalat rat LC50 6247 ppm (27124 mg/m³)

2,2,4-Trimethyl-1,3-pentanediol
- Oral rat LD50 >2000 mg/kg bw
- Oral mouse LD50 1800 mg/kg bw
- Oral LD50: (Rat): 3,200 mg/kg
- Oral mouse LD50 1600-3200 mg/kg bw
- Oral rat LD50 800-1600 mg/kg bw
- Inhalat rat LC50 > 4.5 mg/L air
- Inhalation LC50 (Rat, 6 h): > 3.3 mg/l
- Derm GP LD50 >1000 mg/kg bw no deaths
- Derm GP LD50 >5000 mg/kg bw no deaths
- Derm GP LD50 >8000 mg/kg bw no deaths
- Dermal LD50: (Guinea Pig): > 20 ml/kg

Iron Oxide (yellow)
- Oral rat LD50 > 10000 mg/kg bw (no deaths)

Ethylbenzene
- Oral rat LD50 3500 mg/kg bw/day
- Oral rat LD50 5460 mg/kg bw/day
- Inhalat mouse LC50 6.2 mg/L air
- Inhalat rat LC0 > 400 ppm air no deaths
- Inhalat gp LC50 >3000 ppm air
- Inhalat mice LC50 > 8000 ppm
- Inhalat mouse LC50 35.5 mg/L air
- Inhalat rat LC50 4000 ppm

Silicon dioxide
Oral rat LD50 > 5000 mg/kg bw
Oral rat LD50 >10,000 mg/kg bw
Oral rat LD50 > 5620 mg/kg bw
Oral mouse LD50 > 3160 mg/kg bw
Oral rat LD50 mg/kg bw
Oral rat LD0 > 20000 mg/kg bw
Oral rat LD50 >3300 mg/kg bw
Oral rat LD0 10,000 mg/kg bw
Inhal rat LC0 > 0.69 mg/L air no deaths
Inhal rat LC0 > 0.14mg/L air no deaths
Inhal rat LC0 > 58.8 mg/L air no deaths
Derm rabbit LD50 > 2000 mg/kg bw
Derm rabbit LD50 > 5000 mg/kg bw

Butanone
Oral rat LD50 2193 mg/kg bw

Calculated overall chemical acute toxicity values for this formulation:

<table>
<thead>
<tr>
<th>Material</th>
<th>OSHA(O)</th>
<th>ACGIH(G)</th>
<th>NTP(N)</th>
<th>IARC(I)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>Not listed</td>
<td>A4</td>
<td>Not listed</td>
<td>2B</td>
</tr>
<tr>
<td>Methyl isobutyl ketone</td>
<td>Not listed</td>
<td>A2</td>
<td>Not listed</td>
<td>2B</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>Not listed</td>
<td>A3</td>
<td>Not listed</td>
<td>2B</td>
</tr>
</tbody>
</table>

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

Skin corrosion/irritation: Based on available data, this product is not expected to cause skin corrosion or irritation. Prolonged skin contact may cause dryness, redness, or cracking.

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

Respiratory sensitization: Based on available data, this product is not expected to cause respiratory sensitization.

Skin sensitization: Based on available data, this product is not expected to cause skin sensitization.

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

Chronic health effects: No chronic health effects known.

Carcinogenicity: This product is not classified as a carcinogen. Due to the form of the product, exposure to the potentially carcinogenic components is not expected.

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

Reproductive Toxicity: This product is not expected to cause reproductive or developmental
SECTION 12: ECOLOGICAL INFORMATION

12.1 ECOTOXICITY
Ecotoxicity: Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Acute aquatic toxicity: Toxic to aquatic life.
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
Disposal method: This material must be disposed of in accordance with all local, state, provincial, and federal regulations.
Contaminated packaging: 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.
EU codes: The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Residual waste: 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).
Disposal instructions: 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.
Waste codes: 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.
Other disposal recommendations: None

SECTION 14: TRANSPORT INFORMATION
Reportable quantity:

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:**

  
  No components of this product are present at concentration greater than or equal to 0.1% and are identified as a carcinogen or potential carcinogen by OSHA.

- **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.

<table>
<thead>
<tr>
<th>Material</th>
<th>SARA 302 (EHSs) TPQ</th>
<th>SARA 304 EHSs RQ</th>
<th>CERCLA RQ</th>
<th>SARA 313 listed</th>
<th>RCRA CODE</th>
<th>CAA 112(r) TQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl isobutyl ketone</td>
<td>Not listed</td>
<td>Not listed</td>
<td>5,000</td>
<td>313</td>
<td>U161</td>
<td>Not listed</td>
</tr>
<tr>
<td>Xylene (mixed isomers)</td>
<td>Not listed</td>
<td>Not listed</td>
<td>100</td>
<td>313</td>
<td>U239</td>
<td>Not listed</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>Not listed</td>
<td>Not listed</td>
<td>1,000</td>
<td>313</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Butanone</td>
<td>Not listed</td>
<td>Not listed</td>
<td>5,000</td>
<td>Not listed</td>
<td>U159</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

**State Right-to-Know Regulations**

The following components of this product are found at concentrations greater than or equal to 0.1%, subject to state Right-to-Know reporting requirements; or are found at any concentration and are listed under California Proposition 65.
### SAFETY DATA SHEET

**Trade Name:** U6649

**Product Name:** DESERT AROMATIC URETHANE - POLYOL COMPONENT A

**Notify status:**

<table>
<thead>
<tr>
<th>Material</th>
<th>California Prop 65</th>
<th>Massachusetts Right-to-Know</th>
<th>Minnesota Employee Right-to-Know</th>
<th>New Jersey Community Environme ntal Hazard</th>
<th>New Jersey Right-to-Know Substance</th>
<th>Pennsylvania Right-to-Know</th>
<th>Rhode Island Right-to-Know</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide (dust)</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Methyl isobutyl ketone</td>
<td>cancer</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Xylene (mixed isomers)</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>cancer</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Silicon dioxide</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Butanone</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Soybean oil, epoxidized</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Iron oxide</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Zirconium dioxide</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Toluene</td>
<td>Dev</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Listed</td>
</tr>
<tr>
<td>Nickel</td>
<td>cancer</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Cobalt</td>
<td>cancer</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Listed</td>
</tr>
</tbody>
</table>

**Global Inventories:**

<table>
<thead>
<tr>
<th>Notification status:</th>
<th>US - TSCA</th>
<th>All substances listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada - DSL</td>
<td>Not all substances listed</td>
<td></td>
</tr>
<tr>
<td>Canada - NDSL</td>
<td>At least 1 substance listed</td>
<td></td>
</tr>
<tr>
<td>EU - EINECS</td>
<td>Not all substances listed</td>
<td></td>
</tr>
<tr>
<td>EU - ELINCS</td>
<td>No substances listed</td>
<td></td>
</tr>
<tr>
<td>EU - NLP</td>
<td>At least 1 substance is listed</td>
<td></td>
</tr>
<tr>
<td>Australia - AICS</td>
<td>Not all substances listed</td>
<td></td>
</tr>
<tr>
<td>China - EICSC</td>
<td>All substances listed or exempt</td>
<td></td>
</tr>
<tr>
<td>Japan - ENCS</td>
<td>Not all substances listed</td>
<td></td>
</tr>
<tr>
<td>Korea - KECI</td>
<td>Not all substances listed</td>
<td></td>
</tr>
<tr>
<td>Taiwan - NECI</td>
<td>All substances listed or exempt</td>
<td></td>
</tr>
<tr>
<td>New Zealand - NZloC</td>
<td>Not all substances listed</td>
<td></td>
</tr>
<tr>
<td>Philippine - PICCS</td>
<td>Not all substances listed</td>
<td></td>
</tr>
</tbody>
</table>

**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:** No data available.

### SECTION 16: OTHER INFORMATION

**HMIS (Hazardous Materials Identification System) rating:**
Health: 2
Flammability: 3
Physical: 0

NFPA 704 (National Fire Protection Association) rating:

<table>
<thead>
<tr>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
<td>0</td>
</tr>
</tbody>
</table>

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)
- 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 (NUP)
- 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: November 5, 2015
Version: 1.0
Revision Date: November 5, 2015
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