SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: URETHANE BASECOAT ARIZONA VERSION - POLYOL COMPONENT A

Product Code: UB6407PAZ, UB6407PAZ-1, UB6407PAZ-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

Website: 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

Signal word:	Danger
Hazard statement:	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>
Prevention:	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.
Response:	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.
Storage:	Store in a well-ventilated place. Keep cool. Store locked up.
Disposal:	Dispose of contents and container in accordance with all local, regional, national and international regulations.

2.3 ADDITIONAL INFORMATION

Main symptoms:	Prolonged exposure may cause chronic effects. Suspected of causing cancer. 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.
Hazards not otherwise specified:	Toxic to aquatic life

Toxic to aquatic life with long lasting effects

37.4% 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%
Xylene (mixed isomers)	1330-20-7	7-13%
Zinc borate	138265-88-0	7-13%
2,2,4-Trimethyl-1,3-pentanediol	144-19-4	1-5%
Ethylbenzene	100-41-4	1-5%
Titanium dioxide (dust)	13463-67-7	1-5%
Butanone	78-93-3	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%
Toluene	108-88-3	0.5-1.5%
Bis(2-chloropropy1)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

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

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_2)

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,

	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.
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

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:	1: Explosion-proof general and local exhaust ventilation. 2&3: 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/m3 TQA resp
OSHA TLV: none

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

Zinc borate
ACGIH/TLV: 10 mg/m3 Cal
OSHA/PEL: 10 mg/m3
OSHA/PEL (total dust): 15 mg/m3
OSHA/PEL (Respirable dust): 5 mg/m3

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

Titanium dioxide (dust)
NIOSH REL: Ca See Appendix A
OSHA PEL†: TWA 15 mg/m3

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.

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

Toluene-diisocyanate, mixture of toluene-2,4-di-isocyanate and toluene-2,6-di-isocyanate
OSHA: PEL-C ppm: 0.02, PEL-C mg/m3: 0.14
NIOSH: IDLH ppm: 2.5, IDLH Notes: Ca
Notes: CARCINOGEN (Ca); REDUCE EXPOSURE TO LOWEST FEASIBLE CONCENTRATION

Toluene

NIOSH REL: TWA 100 ppm (375 mg/m3) ST 150 ppm (560 mg/m3)
OSHA PEL†: TWA 200 ppm C 300 ppm 500 ppm (10-minute maximum peak)
TLV: 50ppm as TWA; (skin); A4 (not classifiable as a human carcinogen); BEI issued; (ACGIH 2004).

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 white liquid
Color:	White
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:	22°F/-5.56°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):	13.59
Relative Density/Specific Gravity:	1.63
Solubility in water/miscibility:	Not available
Partition coefficient: n-octanol/water:	Not available
Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity (at 20°C) g/L:	Not available
Oxidizing Properties:	Not available
Explosive Properties:	Not available
VOC:	< 240 g/L (< 2.0028 lb/gal)
Solvent content - Organic:	0%
Solvent content - Water:	0%
Solvent content - Solids:	88.78%
Other information:	Not available
Incompatibilities:	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

Acute toxicity: 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.

Likely routes of exposure: Skin contact. Eye contact. Inhalation.

Eye: Causes serious eye irritation.

Skin: Causes skin irritation. May cause an allergic skin reaction. Dermatitis. Rash.

Ingestion: Not an expected route of exposure. Expected to be a low ingestion hazard.

Inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

LD50/LC50 values relevant to this classification:

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)
Inhal rat LC50 6700 ppm (29000 mg/m3)
Inhal rat LC50 6247 ppm (27124 mg/m3)

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

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

Butanone
Oral rat LD50 2193 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

Toluene
Oral rat LD50 >5000 mg/kg
Oral rat LD50 > 5580 mg/kg bw
Inhal rat LC50 > 20 mg/L
Inhal mice LC50 5320 ppm
Inhal mice LC50 6405 7436 ppm
Inhal mice LC50 5879 6281 ppm
Inhal rat LC50 12.5 28.8 mg/L air
Derm rabbit LD50 > 5000 mg/kg bw

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.

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)
Ethylbenzene	Not listed	A3	Not listed	2B
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

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

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:

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	2.4%

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
Xylene (mixed isomers)	Not listed	Not listed	100	313	U239	Not listed
Ethylbenzene	Not listed	Not listed	1,000	313	Not listed	Not listed
Butanone	Not listed	Not listed	5,000	Not listed	U159	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 Community Environmental Hazard Right-to-Know	New Jersey Right-to-Know Substance	Pennsylvania Right-to-Know	Rhode Island Right-to-Know
Xylene (mixed isomers)	Not listed	Listed	Listed	Not listed	Listed	Listed	Listed
Propane-1,2-diol, propoxylated	Not listed	Not listed	Listed	Not listed	Not listed	Not listed	Not listed

Ethylbenzene	Cancer	Listed	Listed	Listed	Listed	Listed	Listed
Titanium dioxide (dust)	Not listed	Listed	Listed	Not listed	Listed	Listed	Not listed
Butanone	Not listed	Not listed	Not listed	Not listed	Not listed	Not 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
Toluene	Dev	Listed	Listed	Listed	Listed	Listed	Listed
Silicon dioxide	Not listed	Listed	Listed	Not listed	Not listed	Listed	Not listed
Phenol, 2,6-bis(1,1-dimythyl)-4-methyl	Not listed	Listed	Listed	Not listed	Listed	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
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:

Health:	**2***
Flammability:	**3**
Physical:	**0**

NFPA 704 (National Fire Protection Association) rating:

Health	**2**
Fire	**3**
Reactivity	**0**

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 (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)

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Prepared by: Gaco Western LLC

End of Safety Data Sheet