

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: U9107B 1K BASECOAT MOISTURE CURE URETHANE
Product Code: U9107B, U9107B-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

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 Liquid	3
Skin Corrosion/Irritation	2
Sensitization – Skin	1
Eye Damage/Irritation	2A
Sensitization – Respiratory	1
Carcinogenicity	2
Toxic for Reproduction	1A
STOT RE 2 – Specific Target Organ Toxicity (Repeated Exposure) (Organs affected: lungs) (Route of exposure: Inhalation)	2

2.2 LABEL ELEMENTS

Hazard Pictogram:



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Signal Word:	Danger
Hazard Statement:	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 May damage fertility or the unborn child May cause damage to organs through prolonged or repeated exposure
Prevention:	Flammable liquid and vapor 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. In case of inadequate ventilation wear respiratory protection. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.
Response:	In case of fire: Use Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂) to extinguish. Specific treatment (see section 8 on this label). If on skin: Wash with plenty of water. If skin irritation or a rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. 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. If inhaled: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison/doctor.
Storage:	Store in a well-ventilated place. Keep container tightly closed. 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:	Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause allergic skin reaction. Dermatitis. Rash. Difficulty in
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breathing.

Hazards not otherwise specified: Harmful to aquatic life with long lasting effects

29.49 % of the mixture consists of ingredient(s) of unknown acute toxicity

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

Material	CAS No.	Weight %*
Isocyanate polymer	n/a	15-40%
Limestone (naturally occurring)	1317-65-3	10-30%
Xylene	1330-20-7	1-5%
Titanium dioxide	13463-67-7	1-5%
Solvent naphtha (petroleum), light aromatic	64742-89-8	1-5%
Titanium dioxide	13463-67-7	1-5%
Antimony trioxide	1309-64-4	1-5%
Toluene-diisocyanate, mixture of toluene-2,4-di-isocyanate and toluene-2,6-di-isocyanate	26471-62-5	1-5%
Ethylbenzene	100-41-4	0.1-1.0%
toluenesulfonyl isocyanate	4083-64-1	0.1-1.0%
N-(Trichloromethylthio)phthalimide(Folpet)	133-07-3	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:** Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists. In case of eczema or other skin disorders: Seek medical attention and bring along these instructions.
- Eye:** 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

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Skin irritation. May cause redness and pain. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause allergic skin reaction. Dermatitis. Rash. Difficulty in breathing.

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. Symptoms may be delayed.

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:**

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 from fire area if you can do it without risk.

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:**

Stop the flow of material, if this is without risk. Dike far ahead of spill for later disposal. Following product recovery, flush area with water. For waste disposal, see Section 13 of the SDS.

Methods for Cleaning-Up:

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.

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

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Small Spills: disposal. Following product recovery, flush area with water. 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: 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.

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: No specific recommendations.

Incompatible materials: Water (not soluble in water)

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: 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.

Safe handling advice: 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:

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

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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

Limestone (naturally occurring)

NIOSH REL: TWA 10 mg/m3 (total) TWA 5 mg/m3 (resp)
 OSHA PEL: TWA 15 mg/m3 (total) TWA 5 mg/m3 (resp)
 ACGIH TLV: 2 mg/m3 (resp)

Titanium dioxide

NIOSH REL: Ca See Appendix A
 OSHA PEL†: TWA 15 mg/m3

Antimony trioxide

OSHA: PEL-TWA mg/m3: 0.5
 NIOSH: REL-TWA mg/m3: 0.5, IDLH mg/m3: 50

8.2 EXPOSURE CONTROLS

Engineering measured to reduce exposure:

Explosion-proof general and local exhaust ventilation.

8.3 INDIVIDUAL PROTECTIVE MEASURES

- General:** 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.
- 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:** Glossy Gray liquid
- Color:** Gray
- Form:** Liquid
- Odor:** Organic
- 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:** 101.5 °F (38.61 °C)
- Evaporation Rate:** Not available

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Flammability (solid, gaseous):	Not Flammable
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):	10.22
Relative Density/Specific Gravity:	1.23
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):	77 pku
Oxidizing Properties:	Not available
Explosive Properties:	Not available
VOC:	243 g/L
Solvent content – Organic (weight %):	Not available
Solvent content – Water (weight %):	0%
Solvent content – Solids (weight %):	Not available
Other information:	Not available
Incompatibilities:	Water (not soluble)

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. Not soluble in water.
10.3 POSSIBILITY OF HAZARDOUS REACTIONS	
Hazardous Reactions:	The product is stable and non-reactive under normal conditions of use, storage and transport.
10.4 CONDITIONS TO AVOID:	Avoid heat, sparks, open flames and other ignition sources.
10.5 INCOMPATIBLE MATERIALS:	Strong oxidizing agents.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS	
Hazardous decomposition products:	No hazardous decomposition products are known.
Hazardous Polymerization:	No dangerous reaction known under conditions of normal use.
Other Information:	Not available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute Toxicity:	Neither inhalation nor skin contact contribute to acute toxicity of the substance or mixture. However, may cause discomfort if swallowed.
Likely Routes of Exposure:	Direct contact with eyes may cause temporary irritation. Causes skin irritation. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Eye:	Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

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Skin: Skin irritation. May cause redness and pain. May cause an allergic skin reaction.

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.

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: This product is not expected to cause skin sensitization.

Serious Eye Damage/Irritation: Direct contact with eyes may cause temporary 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: Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause allergic skin reaction. Dermatitis. Rash. Difficulty in breathing.

Toxicological information: Occupational exposure to the substance or mixture may cause adverse effects.

Chronic Health Effects: No chronic health effects known.

Carcinogenicity: Suspected of causing cancer.

Material	OSHA(O)	ACGIH(G)	NTP(N)	IARC(I)
Toluene-diisocyanate, mixture of toluene-2,4-di-isocyanate and toluene-2,6-di-isocyanate	Yes	A4	R	2B
Xylene	not listed	A4	not listed	3
Titanium dioxide	not listed	A4	not listed	2B
antimony trioxide	not listed	not listed	not listed	not listed
Ethylbenzene	not listed	A3	not listed	2B
Silicon dioxide	not listed	not listed	not listed	3
Silica, quartz	not listed	A2	K	1
Iron Oxide	not listed	A4	not listed	3
Benzoyl chloride	not listed	A4	not listed	2A
Toluene	not listed	A4	not listed	3
arsenic	Yes	A1	K	1
lead	not listed	A3	R	2A
meta-Xylene	not listed	A4	not listed	3
Benzene	Yes	A1	K	1
chromium	not listed	A4	not listed	3

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

OSHA (O) =Occupational Safety and Health Administration

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

NTP (N) =National Toxicology Program

1 =Known to be a carcinogen
2 = Reasonably anticipated to be carcinogenic
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

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:	May damage fertility or the unborn child.
Developmental:	May damage the unborn child
Fertility:	May damage fertility
Specific Target Organ Toxicity (STOT):	
Single Exposure:	Not classified as an STOT - Single Exposure.
Repeated Exposure:	May cause damage to organs through prolonged or repeated exposure. (Organs affected: lungs) (Route of 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

Acute/Chronic Toxicity:	Harmful to aquatic life with long lasting effects.
Aquatic toxicity:	Harmful to aquatic life with long lasting effects.
Environmental effects:	Harmful to aquatic organisms.

12.2 PERSISTENCE AND DEGRADABILITY

Persistence/biodegradability:	No data is available on the degradability of this product.
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12.3 BIOACCUMULATIVE POTENTIAL

Bioaccumulation:	No data available.
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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.
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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:	The Waste code should be assigned in discussion between the user, the

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producer and the waste disposal company.

Other disposal recommendations:

None

SECTION 14: TRANSPORT INFORMATION

DOT Non-Bulk

Not hazardous for transport under exception 173.150 (f) (2,3)

DOT Bulk

UN: UN1263

Proper shipping name: Paint

Hazard class: 3

Packing group: PG III

Environmental hazards: No

IMDG

UN: UN1263

Proper shipping name: Paint

Hazard class: 3

Packing group: PG III

Marine pollutant: No

ICAO/IATA

UN: UN1263

Proper shipping name: Paint

Hazard class: 3

Packing group: PG III

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)

No component of this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SARA/CERCLA reporting requirements:

Material	SARA 302 (EHSs) TPQ	SARA 304 EHSs RQ	CERCLA RQ	SARA 313 listed	RCRA CODE	CAA 112(r) TQ
Toluene-diisocyanate, mixture of toluene-2,4-di-isocyanate and toluene-2,6-di-isocyanate	Not listed	Not listed	100	X	U223	10,000
Xylene	Not listed	Not listed	100	313	U239	Not listed
antimony trioxide	Not listed	Not listed	1000	313c	Not listed	Not listed
Ethylbenzene	Not listed	Not listed	1000	313	Not listed	Not listed
N-(Trichloromethylthio) phthalimide (Folpet)	Not listed	Not listed	Not listed	313	Not listed	Not listed
Benzoyl chloride	Not listed	Not listed	1000	313	Not listed	Not listed
Toluene	Not listed	Not listed	1000	313	U220	Not listed
arsenic	Not listed	Not listed	1	313	Not listed	Not listed
lead	Not listed	Not listed	10	313	Not listed	Not listed

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cobalt	Not listed	Not listed	Not listed	313	Not listed	Not listed
Benzene	Not listed	Not listed	10	313	U019	Not listed
chromium	Not listed	Not listed	100	313	Not listed	Not listed

State Right-to-Know Regulations

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
Limestone	No	Yes	Yes	No	Yes	Yes	No
Paraffin waxes and Hydrocarbon waxes, chloro	No	Yes	No	No	No	No	No
Toluene-diisocyanate, mixture of toluene-2,4-di-isocyanate and toluene-2,6-di-isocyanate	Yes	Yes	No	No	Yes	Yes	Yes
Xylene	No	Yes	Yes	No	Yes	Yes	Yes
Titanium dioxide	No	Yes	Yes	Yes	No	Yes	No
antimony trioxide	Yes	Yes	Yes	Yes	No	Yes	Yes
Ethylbenzene	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Silica, quartz	No	Yes	Yes	Yes	Yes	Yes	No
Silicon dioxide	No	Yes	Yes	No	No	Yes	No
N-(Trichloromethylthio) phthalimide	Yes	No	No	No	Yes	No	Yes
Iron Oxide	No	Yes	Yes	No	Yes	Yes	No
Octane	No	Yes	Yes	No	Yes	Yes	No
n-heptate	No	Yes	Yes	No	Yes	Yes	No
Benzoyl chloride	No	Yes	Yes	No	Yes	Yes	Yes
Toluene	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zirconium dioxide	No	Yes	No	No	No	No	No
arsenic	No	Yes	Yes	Yes	Yes	Yes	Yes
Lead	No	Yes	Yes	Yes	Yes	Yes	Yes
cobalt	No	Yes	Yes	No	Yes	Yes	Yes
Benzene	Yes	Yes	Yes	Yes	Yes	Yes	Yes
chromium	No	Yes	Yes	Yes	Yes	Yes	Yes

Global Inventories:

Notification status:	
US - TSCA	No
Canada -DSL	Yes
Canada - NDSL	No
EU - EINECS	Yes
EU - ELINCS	Yes
EU - NLP	Yes
Australia - AICS	Yes
China - EICSC	Yes
Japan - ENCS	Yes
Korea - KECI	Yes
Taiwan - NECI	Yes
New Zealand - NZIoC	No
Philippine - PICCS	Yes

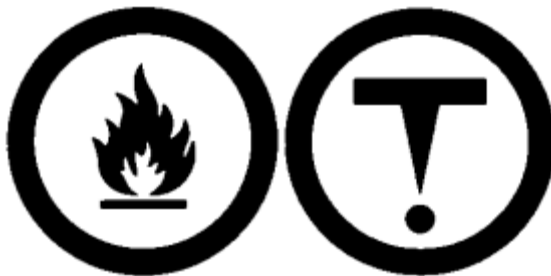
EU - REACH Status:

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:

B3, D2A, D2B

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MEXICO:

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

SECTION 16: OTHER INFORMATION

HMIS (Hazardous Materials Identification System) Rating:

Health:	2*
Flammability:	2
Physical:	1
Personal Protection:	1

NFPA 704 (National Fire Protection Association) Rating:

Health	2
Fire	2
Reactivity	1

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 - IESC
- 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