## **SECTION 1: IDENTIFICATION**

**1.1 PRODUCT IDENTIFIER** 

Product Name: GACOONEPASS

**Product Code:** F1850R, F1850R-55, F1850-275 **1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE** 

**Product Use:** Architectural Coating and Waterproofing

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.comWebsite:www.gaco.com

1.4 EMERGENCY TELEPHONE NUMBER

For Chemical Emergency

Distributed By:
Distribué Par:

Spill, Leak, Fire, Exposure, or Incident
Within USA and Canada: 1-800-424-9300

Pinnacle West Enterprises Inc.
31897 Mercantile Way
Abbettered BC V2T 4C3

Outside USA and Canada: +1-703-527-3887 (collect calls accepted)

Abbotsford, BC V2T 4C3
Tel: (800) 901-0088

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

## 2.1 CLASSIFICATION OF THE CHEMICAL

**Hazard class:** 

HAZARD CLASSIFICATION	CATEGORY
Skin Corrosion/Irritation Eye Damage/Irritation STOT RE - Specific Toxic Organ Toxicity (Repeated Exposure)	2 1 2

## **2.2 LABEL ELEMENTS**



June 1, 2015

# Gaco Western

## Classified to the 2012 OSHA Hazard Communication Standard 29 CFR 1920.1200.

# SAFETY DATA SHEET

Signal word: Danger

Hazard statement: Causes skin irritation

Causes serious eye damage

May cause damage to organs <kidney> through prolonged or repeated

exposure <oral>

**Prevention:** Do not breathe dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Wear protective eye protection/face protection.

**Response:** Specific treatment (see Section 8 on this label).

If on skin: Wash with plenty of water.

If skin irritation 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.

Immediately call a poison center/doctor.

Storage: Store in a well-ventilated place. Keep container tightly closed.

**Disposal:** Dispose of contents and container in accordance with all local, regional,

national and international regulations.

2.3 ADDITIONAL INFORMATION

**Main symptoms:** Skin irritation. May cause redness and pain. Causes severe eye damage.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Prolonged exposure may cause chronic effects.

Hazards not otherwise specified: None Known

73.4 % of the mixture consists of ingredient(s) of unknown acute toxicity

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

#### 3.1 MIXTURES

Material	CAS No.	Weight %*
Diethylene glycol	111-46-6	5-10%
Pentamethyldiethylenetriamine	3030-47-5	0.5-1.5%
Pentamethyldipropylene triamine	3855-32-1	0.1-1.0%
1,4-Diazabicyclooctane	280-57-9	0.1-1.0%
Bis(2-chloropropy1)1-chloro-2-propyl phosphate	76649-15-5	0.1-1.0%
2-Ethylhexanoic acid, potassium salt	3164-85-0	0.1-1.0%

<sup>\*</sup>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:** If you feel unwell, seek medical advice (show the label where possible).

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.



# SAFETY DATA SHEET

**Skin contact:** Wash with plenty of soap and water. If skin irritation occurs, get medical

advice/attention. Take off contaminated clothing and wash 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 immediately.

**Ingestion:** Rinse mouth. Get medical attention if symptoms occur.

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

Skin irritation. May cause redness and pain.

Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Permanent eye damage including blindness could result.
Prolonged exposure may cause chronic effects.

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

**Note to physicians:** Treat symptomatically. 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:** No unusual fire or explosion hazard.

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:** 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: 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**

For personal protection, see Section 8 of this SDS.

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

**Methods for containment:** Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then

place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

**Methods for cleaning-up:** 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.

**Large spills:** Stop the flow of material, if this is without risk. Dike the spilled material,



## SAFETY DATA SHEET

where this is possible. Absorb in vermiculite, dry sand or earth and place into

containers. Following product recovery, flush area with water.

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 discharge into drains, water courses or onto the ground.

#### **SECTION 7: HANDLING AND STORAGE**

#### 7.1 PRECAUTIONS FOR SAFE HANDLING

**Safe handling advice:** 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:** Store away from incompatible materials. **Specific use:** Architectural Coating and Waterproofing

**Technical measures:** No specific recommendations.

**Incompatible materials:** None known

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

**Safe packaging material:** No specific recommendations.

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

**Safe handling advice:** Observe good industrial hygiene practices. **Suitable storage conditions:** Store away from incompatible materials.

**Handling-technical measures:** No specific recommendations. **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:** 

Diethylene glycol

NIOSH REL:

Ethylene glycol [Ceiling 50 ppm]

#### **8.2 EXPOSURE CONTROLS**

# Engineering measures to reduce exposure:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

# **8.3 INDIVIDUAL PROTECTIVE MEASURES**

**General:** Use personal protective equipment as required. **Eye protection:** Wear safety glasses with side shields (or goggles).

## SAFETY DATA SHEET

**Hand protection:** Wear appropriate chemical resistant gloves.

**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Skin and body protection:** Wear suitable protective clothing.

**Hygiene measures:** 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: Low viscosity liquid

Color:BrownForm:LiquidOdor:Not availableOdor Threshold:Not available

Physical State: Liquid pH (at 20°C): 9.7

Melting Point/Freezing Point: Not available **Initial Boiling Point and Boiling Range:** Not available Flash Point: Not available **Evaporation Rate:** Not available 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): 9.94
Relative Density/Specific Gravity: 1.9

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 %: Not available **Solvent content - Organic:** Not available Solvent content - Water: Not available Solvent content - Solids: Not available Other information: Not available Incompatibilities: Not available

#### **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** 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:** Expected to be a low hazard for usual industrial or commercial handling by

trained personnel.

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

Eye: Causes serious eye damage.
Skin: Causes skin irritation.

**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:

## Diethylene glycol

Oral rat LD50 19600 mg/kg bw/day Oral rat LD50 16500 mg/kg bw/day Oral Human LD50 1120 mg/kg bw/day

Oral Rat LD50 >25300 mg/kg Inhal rat LC50 > 4.6 mg/L air 4hr

Inhal Rat LC50 >5.06 mg/l

Derm rabbit LD50 13300 mg/kg bw Dermal Rabbit LD50 12500 mg/kg

## Pentamethyldiethylenetriamine

Oral rat LD50 1330 mg/kg bw

Inhal rat LC50 290 ppm = 2055.5 mg/m3 Inhal rat LC50 8.38 mg/L air (nominal) Derm rabbit LD50 > 200 < 1000 mg/kg bw Derm rabbit >200 mg/kg = no effect

## Calculated overall chemical acute toxicity values for this formulation:

Calculated overall Chemical Acute Toxicity Values						
LC50 (inhalation)	LD50 (oral)	LD50 (dermal)				



# SAFETY DATA SHEET

>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 skin irritation. Serious eye damage/irritation: Causes serious eye damage.

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.

Skin irritation. May cause redness and pain. Causes severe eye damage. Symptoms and target organs:

> Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause damage to organs (kidney) through prolonged or

repeated exposure (oral).

**Chronic health effects:** May cause damage to organs (kidney) through prolonged or repeated

exposure (oral).

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.

1 = Carcinogenic to humans

Material	OSHA(O)	ACGIH(G)	NTP(N)	IARC(I)
Diethylene glycol	Not listed	A3	Not listed	3

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

OSHA (O) =Occupational Safety and Health Administration NTP (N) = National Toxicology Program =Known to be a carcinoger Yes = Expected to be carcinogenic

not listed = Not expected to be carcinogenic 2 = Reasonably anticipated to be a carcinogen not listed = Not expected to be carcinogenic IARC (I) =International Agency for Research on Cancer

<u>ACGIH (G)</u> =American Conference of Governmental Industrial Hygienists A1 =Confirmed human carcinogen

A2 =Suspected human carcinogen A3 =Animal carcinogen A4 =Not classifiable as a human carcinogen

2A = Probably carcinogenic to humans 2B =Possibly carcinogenic to humans 3 =Not classifiable as to its carcinogenicity to humans A5 =Not suspected as a human carcinogen 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:** This product is not expected to cause reproductive or developmental effects.

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

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

**Repeated Exposure:** May cause damage to organs (kidney) through prolonged or repeated

exposure (oral).

**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:** The product is not classified as environmentally hazardous. However, this

does not exclude the possibility that large or frequent spills can have a

harmful or damaging effect on the environment.

The product is not classified as acutely environmentally hazardous. However, Acute aquatic toxicity:

this does not exclude the possibility that large or frequent spills can have a

harmful or damaging effect on the environment.

**Chronic toxicity:** The product is not classified as having a chronic environmental hazard.

However, this does not exclude the possibility that large or frequent spills can

have a harmful or damaging effect on the environment.

**Environmental effects:** The product is not classified as environmentally hazardous. However, this

does not exclude the possibility that large or frequent spills can have a

harmful or damaging effect on the environment.

#### 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:** 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**

Not classified as Dangerous Goods for Transport

## **DOT Bulk**

Not classified as Dangerous Goods for Transport

# **IMDG**

Not classified as Dangerous Goods for Transport

# ICAO/IATA

Not classified as Dangerous Goods for Transport

## 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:**

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

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:

No components of this product are found at concentrations greater than or equal to 0.1% and are subject to the CERCLA/SARA reporting requirements.

## **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.

				New Jersey			
				Community			
			Minnesota	Environme	New Jersey		Rhode
	California	Massachus	Employee	ntal Hazard	Right-to-	Pennsylvan	Island
	Proposition	etts Right-	Right-to-	Right-to-	Know	ia Right-to-	Right-to-
Material	65	to-Know	Know	Know	Substance	Know	Know
Diethylene glycol	Not listed	Not listed	Yes	Not listed	Not listed	Yes	Not listed
2,2'-(Ethylenedioxy)diethanol	Not listed	Not listed	Not listed	Not listed	Not listed	Yes	Not listed
Oxydipropanol	Not listed	Not listed	Not listed	Not listed	Not listed	Yes	Not listed

#### **Global Inventories:**

Notification status:				
US - TSCA	Not all substances are listed			
Canada -DSL	All substances are listed			
Canada - NDSL	No substances are listed			
EU - EINECS	Not all substances are listed			
EU - ELINCS	No substances are listed			
EU - NLP	No substances are listed			
Australia – AICS	Not all substances are listed			
China - EICSC	All substances are listed			
Japan - ENCS	All substances are listed			
Korea - KECI	Not all substances are listed			
Taiwan - NECI	All substances are listed			
New Zealand - NZloC	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:

E, 1B, D2B,



## **MEXICO:**

**Hazard Classification:** 3-1-0

Carcinogen Status: No data available.

## **SECTION 16: OTHER INFORMATION**

## HMIS (Hazardous Materials Identification System) rating:

Health:	3
Flammability:	1
Physical:	0
Personal protection:	D

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

Health	3
Fire	1
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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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**