## **SECTION 1: IDENTIFICATION**

1.1 PRODUCT IDENTIFIER

Product Name: F1880R POLYOL COMPONENT B

**Product Code:** F1880R, F1880R-500

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

**Product Use:** Spray Foam Insulation

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.comWebsite:www.gaco.com

1.4 EMERGENCY TELEPHONE NUMBER

Distribué Par:
For Chemical Emergency
Pinnacle West

Pinnacle West Enterprises Inc.

Distributed By:

Spill, Leak, Fire, Exposure, or Incident
Way
Within USA and Canada: 1-800-424-9300
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 2A 2

# **2.2 LABEL ELEMENTS**





Signal word: Warning

**Hazard statement:** Causes skin irritation

Causes serious eye irritation

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 gloves/eye protection/face protection.

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

If on skin: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

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 away from incompatible materials.

**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. May cause damage to organs

<kidney> through prolonged or repeated exposure <oral>. Causes skin irritation. May cause redness and pain. Causes serious eye irritation.

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

Hazards not otherwise specified: None Known

68 % of the mixture consists of ingredient(s) of unknown acute toxicity

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

# 3.1 MIXTURES

Material	CAS No.	Weight %*
1,2-Benzenedicarboxylic acid, 3,4,5,6-tetrabromo-, mixed esters with		
diethylene glycol and propylene glycol	77098-07-8	1-5%
Diethylene glycol	111-46-6	1-5%
2,2'-(Ethylenedioxy)diethanol	112-27-6	1-5%
Pentamethyldiethylenetriamine	3030-47-5	0.5-1.5%
Pentamethyldipropylene triamine	3855-32-1	0.1-1.0%
Tertiary Amine	N/A	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:** Ensure that medical personnel are aware of the materials(s) involved, and

take precautions to protect themselves.

**Inhalation:** Move to fresh air. Call a physician if symptoms develop or persist.



**Skin contact:** Wash with plenty of soap and water. Take off contaminated clothing and

wash before reuse. If skin irritation occurs, get medical advice/attention.

**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.

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

Causes skin irritation. May cause redness and pain.

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.

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,

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

**Precautions for Safe handling:** 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

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

**Specific use:** Spray Foam Insulation

**Technical measures:** No specific recommendations.

**Incompatible materials:** None known, avoid strong oxidizing agents.

**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:**

# 1,2-Benzenedicarboxylic acid, 3,4,5,6-tetrabromo-, mixed esters with diethylene glycol and propylene glycol

ACGIH: 0.15 ppm

# Diethylene glycol

NIOSH REL: Ethylene glycol [Ceiling 50 ppm]

OSHA PEL †: none

### **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 below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable



level.

### **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:** 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.

**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: Slightly viscous liquid

Color: Light Brown
Form: Liquid
Odor: Mild amine
Odor Threshold: Not applicable

Physical State: Liquid pH (at 20°C): 9-10

**Melting Point/Freezing Point:** Not applicable Not applicable **Initial Boiling Point and Boiling Range:** >200°F/>93.3°C Flash Point: Not applicable **Evaporation Rate:** Flammability (solid, gaseous): Not Flammable Lower Flammability/Explosive Limit: Not applicable **Upper Flammability/Explosive Limit:** Not applicable Vapor Pressure (mm Hg @38°C): Not applicable Vapor Density: Not applicable

Density (lb/gal): 10.23
Relative Density/Specific Gravity: 1.23
Solubility in water/miscibility: Soluble

Partition coefficient: n-octanol/water:

Auto-ignition Temperature:

Decomposition Temperature:

Viscosity (at 25°C) g/L:

Oxidizing Properties:

Explosive Properties:

VOC:

Not applicable

Not applicable

Not applicable

Vot applicable

Vot applicable

Vot applicable

Vot applicable

Solvent content - Organic: Not applicable
Solvent content - Water: Not applicable

Solvent content - Solids: 86%

Other information: Not applicable

**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** 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 applicable.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

**Acute toxicity:** Causes skin irritation. May cause redness and pain. 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:** Causes skin irritation. May cause redness and pain.

**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:

# 1,2-Benzenedicarboxylic acid, 3,4,5,6-tetrabromo-, mixed esters with diethylene glycol and propylene glycol

Oral rat LD50 632 mg/kg bw Inhal rat LC50 >17,800 mg/L air 1hr Derm rabbit LD50 >5,000 mg/kg bw

### 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

## 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 skin irritation. May cause redness and pain.

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:** Prolonged exposure may cause chronic effects. Suspected of damaging the

unborn child. May cause damage to organs <kidney> through prolonged or repeated exposure <oral>. Causes skin irritation. May cause redness and pain. Causes serious eye irritation. Symptoms may include stinging, tearing,

redness, swelling, and blurred vision.

**Chronic health effects:** Prolonged exposure may cause chronic 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.

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

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:
nistration NTP (N) = National Toxicology Program

OSHA (O) = Occupational Safety and Health Administration
Ca/Yes = Expected to be carcinogenic

not listed = Not expected to be carcinogenic

K = Known to be a carcinogen
R = Reasonably anticipated to be a carcinogen
not litisted = 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 IARC (I) eInternational 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:** 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 applicable.

## **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.

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

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. 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**

EU codes:

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:** 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)

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 SARA/CERCLA 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.

Material	California Proposition 65	Massachus etts Right- to-Know	Minnesota Employee Right-to- Know	New Jersey Community Environme ntal Hazard Right-to- Know	New Jersey Right-to- Know Substance	Pennsylvan ia Right-to- Know	Rhode Island Right-to- Know
Diethylene glycol	Not listed	Not listed	Listed	Not listed	Not listed	Listed	Not listed
2,2'-(Ethylenedioxy)diethanol	Not listed	Not listed	Not listed	Not listed	Not listed	Listed	Not listed
Oxydipropanol	Not listed	Not listed	Not listed	Not listed	Not listed	Listed	Not listed
Ethylene Glycol (trace)	Dev	Listed	Listed	Not listed	Listed	Listed	Listed
1,4- Dioxane (trace)	Cancer	Listed	Listed	Listed	Listed	Listed	Listed

## California:

## **Proposition 65:**

WARNING: This product can expose you to 1,4- Dioxane, which is known to the State of California to cause cancer, and Ethylene Glycol, which is known to the State of California to



cause birth defects or other reproductive harm. For more information, go to <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>.

### **Global Inventories:**

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

D1B, D2A, D2B



# MEXICO:

**Hazard Classification:** 2-1-0

Carcinogen Status: No data available.

## **SECTION 16: OTHER INFORMATION**

## HMIS (Hazardous Materials Identification System) rating:

Health:	2*
Flammability:	1
Physical:	0

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

Health	2
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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**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**