SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: IVORY FAST SET POLYUREA HYBRID POLY FORMULA

Product Code: U8782P, U8782-5, U8782P-55 **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 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
Eye Damage/Irritation Toxic to Reproduction STOT RE - Specific Toxic Organ Toxicity (Repeated Exposure)	2A 2 1

2.2 LABEL ELEMENTS

Hazard pictogram: GHS07; GHS08

Signal word: Danger

Hazard statement: Causes serious eye irritation

Suspected of damaging fertility or the unborn child

Causes damage to organs through prolonged or repeated exposure

Prevention: Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear protective gloves/protective clothing/eye protection/face protection.

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

If exposed or concerned: 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 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. Causes damage to organs

through prolonged or repeated exposure. Suspected of damaging fertility or the unborn child. 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.

12.1 % of the mixture consists of ingredient(s) of unknown acute toxicity

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

Material	CAS No.	Weight %*
Titanium dioxide (dust)	13463-67-7	10-30%
2,2,4-Trimethyl-1,3-pentanediol	144-19-4	5-10%
Silicon dioxide	7631-86-9	1-5%
Diethylmethylbenzenediamine	68479-98-1	1-5%
Dimethyltin neodecanoate	68928-76-7	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: 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.



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Skin contact: Wash skin with plenty of soap and water. Get medical attention is irritation

develops and persists.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove

contact lenses, if present and easy to do. 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. Causes damage to organs through prolonged or repeated exposure.

Suspected of damaging fertility or the unborn child.

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. Prevent product



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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: 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:Architectural Coating and Waterproofing

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:

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.

Silicon dioxide (dust)

NIOSH REL: TWA 6 mg/m3

OSHA PEL†: TWA 20 mppcf (80 mg/m3/%SiO2) See Appendix C (Mineral Dusts)

No significant exposure to primary particles of silicon dioxide is thought to occur during the use of products in which silicon dioxide is bound to other materials, such as in paints.

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. 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).

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: 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: Off-white Liquid
Color: Off-white
Form: Liquid
Odor: Mild

Odor Threshold: Not applicable

Physical State: Liquid

pH (at 20°C): Not applicable Melting Point/Freezing Point: Not applicable **Initial Boiling Point and Boiling Range:** Not applicable Flash Point: >200°F(>93°C) **Evaporation Rate:** Not applicable 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): 11.7
Relative Density/Specific Gravity: 1.4

Solubility in water/miscibility: Not soluble in water Partition coefficient: n-octanol/water: Not applicable **Auto-ignition Temperature:** Not applicable **Decomposition Temperature:** Not applicable Viscosity (at 20°C) g/L: Not applicable **Oxidizing Properties:** Not applicable **Explosive Properties:** Not applicable VOC: <10 g/L

Solvent content - Organic: Not applicable



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Solvent content - Water:Not applicableSolvent content - Solids:Not applicableOther 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. Causes serious eye irritation.

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

Eye: Causes serious eye irritation.

Skin: No adverse effects due to skin contact are expected. Prolonged skin

contact may cause dryness, redness, or cracking.

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

hazard.

Inhalation: Not an expected route of exposure. No adverse effects due to

inhalation are expected.

LD50/LC50 values relevant to this classification:

Titanium dioxide (dust)

Oral mouse LD50 > 5000 mg/kg bw Oral rat LD50 > 5000 mg/kg bw Oral rat LD50 > 5000 mg/kg bw Oral rat LD50 > 2000 mg/kg bw Oral rat LD50 > 11000 mg/kg bw Oral rat LD50 > 5000 mg/kg bw Inhal rat LC50 3.43-5.09 mg/L air Inhal rat LC50 > 2.28 mg/L air

2,2,4-Trimethyl-1,3-pentanediol

Oral rat LD50 >2000 mg/kg bw Oral mouse LD50 1800 mg/kg bw Oral rat LD50 3200 mg/kg bw

Oral mouse LD50 1600-3200 mg/kg bw Oral rat LD50 800-1600 mg/kg bw Inhal rat LC50 > 4.5 mg/L air 6hr

Derm guinea pig LD50 >1000 mg/kg bw no deaths Derm guinea pig LD50 >5000 mg/kg bw no deaths Derm guinea pig LD50 >8000 mg/kg bw no deaths

Dimethyltin neodecanoate

Oral rat LD50 894 mg/kg bw Derm rat LD50 >2000 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: Based on available data, this product is not expected to cause skin corrosion

or irritation. Prolonged skin contact may cause dryness, redness, or cracking.

Serious eye damage/irritation: Causes serious eye irritation.

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. Causes damage to organs

through prolonged or repeated exposure. Suspected of damaging fertility or the unborn child.. Causes serious eye irritation. Symptoms may include

stinging, tearing, redness, swelling, and blurred vision.

Chronic health effects: Prolonged exposure may cause chronic effects. Causes damage to organs

through prolonged or repeated exposure. Suspected of damaging fertility or

the unborn child.

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)
Titanium dioxide (dust)	Not listed	A4	Not listed	2B

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

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

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

ACGIH (G) = American Conference of Governmental Industrial Hygienists
A1 = Confirmed human carcinogen

not listed = Not expected to be carcinogenic IARC (I) = International Agency for Research on Cancer 1 = Carcinogenic to humans

A2 =Suspected human carcinogen A3 =Animal carcinogen 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

A4 =Not classifiable as a human carcinogen A5 =Not suspected as a human carcinogen not listed = Not expected to be carcinogenic

No data available to indicate product or any components present at

greater than 0.1% are mutagenic or genotoxic. **Reproductive Toxicity:**Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity (STOT):

Mutagenicity:

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



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Repeated Exposure: Prolonged exposure may cause chronic effects. Causes damage to organs

through prolonged or repeated exposure.

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: Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Acute aquatic toxicity: Toxic to aquatic life.

Chronic toxicity: Toxic to aquatic life with long lasting effects.

Environmental effects: An environmental hazard cannot be excluded in the event of unprofessional

handling or disposal.

12.2 PERSISTENCE AND DEGRADABILITY

Persistence/biodegradability: The product contains substances which are not expected to be readily

biodegradable.

12.3 BIOACCUMULATIVE POTENTIAL

Bioaccumulation: No data available.

12.4 MOBILITY

Mobility:No data available.Mobility in soil:No data available.Mobility in non-soil:No data available.

12.5 OTHER ADVERSE EFFECTS

Ozone layer: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Disposal method: This material must be disposed of in accordance with all local, state,

provincial, and federal regulations.

Contaminated packaging: Since emptied containers may retain product residue, follow label warnings

even after container is emptied. Dispose of contents and container in accordance with all local, regional, national and international regulations. 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 hazardous for transport per 171.4(c)



DOT Bulk

UN: UN3082

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (diethylmethylbenzenediamine)

Hazard class: 9 Packing group: PG III

Marine pollutant: Yes

IMDG

UN: UN3082

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (diethylmethylbenzenediamine)

Hazard class: 9 Packing group: PG III

Marine pollutant: Yes

ICAO/IATA

UN: UN3082

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (diethylmethylbenzenediamine)

Hazard class: 9 Packing group: PG III

Marine pollutant: Yes

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.

	California Proposition	Massachus etts Right-	Minnesota Employee Right-to-	New Jersey Community Environme ntal Hazard Right-to-	New Jersey Right-to- Know	Pennsylvan ia Right-to-	Rhode Island Right-to-
Material	65	to-Know	Know	Know	Substance	Know	Know
Titanium dioxide (dust)	Not listed	Yes	Yes	Not listed	Yes	Yes	Not listed
Silicon dioxide (dust)	Not listed	Yes	Yes	Not listed	Not listed	Yes	Not listed
Zirconium dioxide (dust)	Not listed	Yes	Not listed	Not listed	Not listed	Not listed	Not listed
Nickel (trace)	Yes	Yes	Yes	Yes	Yes	Yes	Yes



| Cobalt (trace) | Yes |
|----------------|-----|-----|-----|-----|-----|-----|-----|

Global Inventories:

Notification status:				
US - TSCA	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	At least 1 substances is listed			
EU - NLP	At least 1 substances is listed			
Australia – AICS	Not all substances are listed			
China - EICSC	Not 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:

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



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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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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