SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER
Product Name: THINNER FOR U-69
Product Code: T5120, T5120-5, T5120-50

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE
Product Use: Architectural Coating and Waterproofing
Use this product in accordance with all local, regional, national and international regulations.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET
Name/Address: Gaco Western LLC
1245 Chapman Dr.
Waukesha, WI, 53186-5942
USA
Telephone Number: 800-331-0196 / International: 001-800-331-0196
Email: sds@gaco.com
Website: www.gaco.com

1.4 EMERGENCY TELEPHONE NUMBER
For Chemical Emergency
Spill, Leak, Fire, Exposure, or Incident
Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1-703-527-3887 (collect calls accepted)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL
Hazard class:

<table>
<thead>
<tr>
<th>HAZARD CLASSIFICATION</th>
<th>CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable Liquids</td>
<td>2</td>
</tr>
</tbody>
</table>

2.2 LABEL ELEMENTS
Hazard pictogram: GHS02

SAFETY DATA SHEET

Trade Name: TS120 - THINNER FOR U-69

December 29, 2015

Section 1: Identification

Signal word: Danger

Hazard statement: Highly flammable liquid and vapor

Prevention: 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.
Wear protective gloves/eye protection/face protection.

Response: If on skin (or hair): Remove/Take off immediately all contaminated clothing.
Rinse skin with water/shower.
In case of fire: Use water fog, foam, dry chemical powder, carbon dioxide (CO2) to extinguish.

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

2.3 ADDITIONAL INFORMATION

Main symptoms: Direct contact with eyes may cause temporary irritation.

Hazards not otherwise specified: None Known

0 % of the mixture consists of ingredient(s) of unknown acute toxicity

Section 3: Composition/Information on Ingredients

3.1 Mixtures

<table>
<thead>
<tr>
<th>Material</th>
<th>CAS No.</th>
<th>Weight %*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl carbonate</td>
<td>616-38-6</td>
<td>99-100%</td>
</tr>
</tbody>
</table>

*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: Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if 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. 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
Direct contact with eyes or skin may cause temporary irritation.

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 that do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

Specific treatments: In case of accident or if you feel unwell, seek medical advice (show the label or SDS where possible).

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

General hazards: Highly flammable liquid and vapor.

Suitable extinguishing media: Water fog. Foam. Dry chemical powder. Carbon dioxide (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: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning-up: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. For waste disposal, see Section 13 of the SDS.

Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.
Following product recovery, flush area with water.

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:
Vapors may form explosive mixtures with air. Do not handle or store near an open flame, heat or other sources of ignition. Do not smoke. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

General hygiene advice:
Ensure that medical personnel are aware of the materials(s) involved, and take precautions to protect themselves.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
Safe storage:
Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Keep container tightly closed. Store in a cool and well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

Specific use:
Architectural Coating and Waterproofing

Technical measures:
Vapors may form explosive mixtures with air. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment.

Incompatible materials:
Strong oxidizers and strong acids.

Safe packaging material:
Keep in original container.

Precautions:
Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Take precautionary measures against static discharges.

Safe handling advice:
Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Take precautionary measures against static discharges. Use personal protection recommended in Section 8 of the SDS.

Suitable storage conditions:
Keep away from heat, sparks and open flame. Keep container tightly closed. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Keep in an area equipped with sprinklers.

Handling-technical measures:
Use non-sparking tools and explosion-proof equipment. All equipment used when handling this product must be grounded.

Local and general ventilation:
Provide adequate ventilation.

SECTION 8: EXPOSURE CONTROLS/PERSOHAL PROTECTION

8.1 CONTROL PARAMETERS
Control parameters:
Follow standard monitoring procedures.

8.2 EXPOSURE CONTROLS
Engineering measures to reduce exposure:

Explosion-proof general and local exhaust ventilation.

8.3 INDIVIDUAL PROTECTIVE MEASURES

General: Eye wash fountain and emergency showers are recommended. Use personal protective equipment as required.

Eye protection: Wear safety glasses with side shields (or goggles).

Hand protection: Wear protective 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 suitable protective 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.

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: Transparent colorless liquid
- Color: Transparent colorless
- Form: Liquid
- Odor: Characteristic odor
- Odor Threshold: Not applicable
- Physical State: Liquid
- pH (at 20°C): Not applicable
- Melting Point/Freezing Point: 36-40°F/2-4°C
- Initial Boiling Point and Boiling Range: 194°F/90°C
- Flash Point: 65°F/18.3°C
- Evaporation Rate: Not applicable
- Flammability (solid, gaseous): Highly flammable liquid and vapor.
- Lower Flammability/Explosive Limit: 0.042
- Upper Flammability/Explosive Limit: 0.129
- Vapor Pressure (mm Hg @20°C): 18 mmHg
- Vapor Density: Not applicable
- Density (lb/gal): 8.9
- Relative Density/Specific Gravity: 1.1
- Solubility in water/miscibility: Decomposes upon contact with moist air or water
- Partition coefficient: n-octanol/water: Not applicable
- Auto-ignition Temperature: Not applicable
- Decomposition Temperature: Not applicable
- Viscosity (at 20°C): 1 cps (water)
- Oxidizing Properties: Not applicable
- Explosive Properties: Not applicable
- VOC %: 8.9 g/L (0.07 lb/gal)
- Solvent content - Organic: Not applicable
- Solvent content - Water: Not applicable
- Solvent content - Solids: Not applicable
SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 CHEMICAL STABILITY

Chemical stability: Material is stable under normal conditions.
Materials to avoid: The product is stable and non-reactive under normal conditions of use, storage and transport.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous reactions: No dangerous reaction known under conditions of normal use.

10.4 CONDITIONS TO AVOID

Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.

10.5 INCOMPATIBLE MATERIALS

Strong oxidizers and strong acids.

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.
   Eye: Direct contact with eyes may cause temporary 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:

Dimethyl carbonate
   Oral rat LD50 > 5,000 mg/kg bw
   Inhal rat LC50 > 5.36 mg/L air 4hr
   Derm rabbit LD50 > 2,000 mg/kg bw

Calculated overall chemical acute toxicity values for this formulation:

<table>
<thead>
<tr>
<th>Calculated overall Chemical Acute Toxicity Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 (inhalation)</td>
</tr>
<tr>
<td>&gt;5.36 mg/kg (dust and mist)</td>
</tr>
</tbody>
</table>
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: Based on available data, this product is not expected to cause serious eye damage or irritation. Direct contact with eyes may cause temporary 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: Direct contact with eyes may cause temporary irritation.

Chronic health effects: No chronic health effects known.

Carcinogenicity: This product is not classified as a carcinogen.

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: Not classified as an STOT - Repeated Exposure.

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.

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
**SECTION 13: DISPOSAL CONSIDERATIONS**

13.1 WASTE TREATMENT METHODS

**Disposal method:** This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

**Contaminated packaging:** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Dispose of contents and container in accordance with all local, regional, national and international regulations.

**EU codes:** The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Residual waste:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Disposal instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Waste codes:** D001: Waste Flammable material with a flash point <140°F (<60°C) The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Other disposal recommendations:** None

**SECTION 14: TRANSPORT INFORMATION**

**DOT Non-Bulk**

- **UN:** UN1161
- **Proper shipping name:** Dimethyl carbonate
- **Hazard class:** 3
- **Packing group:** PG II

**DOT Bulk**

- **UN:** UN1161
- **Proper shipping name:** Dimethyl carbonate
- **Hazard class:** 3
- **Packing group:** PG II

**IMDG**

- **UN:** UN1161
- **Proper shipping name:** Dimethyl carbonate
- **Hazard class:** 3
- **Packing group:** PG II

**ICAO/IATA**

- **UN:** UN1161
- **Proper shipping name:** Dimethyl carbonate
- **Hazard class:** 3
- **Packing group:** PG II

**Reportable quantity:** Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

**SECTION 15: REGULATORY INFORMATION**
15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATIONS SPECIFIC FOR THE CHEMICAL

US Federal Regulations:

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

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.

<table>
<thead>
<tr>
<th>Material</th>
<th>California Proposition 65</th>
<th>Massachussetts Right-to-Know</th>
<th>Minnesota Employee Right-to-Know</th>
<th>New Jersey Community Environmental Hazard Right-to-Know</th>
<th>New Jersey Right-to-Know Substance</th>
<th>Pennsylvania Right-to-Know</th>
<th>Rhode Island Right-to-Know</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl carbonate</td>
<td>Not listed</td>
<td>Listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

Global Inventories:

<table>
<thead>
<tr>
<th>Notification status:</th>
</tr>
</thead>
<tbody>
<tr>
<td>US - TSCA</td>
</tr>
<tr>
<td>Canada - DSL</td>
</tr>
<tr>
<td>Canada - NDSL</td>
</tr>
<tr>
<td>EU - EINECS</td>
</tr>
<tr>
<td>EU - ELINCS</td>
</tr>
<tr>
<td>EU - NLP</td>
</tr>
<tr>
<td>Australia – AICS</td>
</tr>
<tr>
<td>China - EICSC</td>
</tr>
<tr>
<td>Japan - ENCS</td>
</tr>
<tr>
<td>Korea - KECI</td>
</tr>
<tr>
<td>Taiwan - NECI</td>
</tr>
<tr>
<td>New Zealand - NZloC</td>
</tr>
<tr>
<td>Philippine - PICCS</td>
</tr>
</tbody>
</table>

EU - REACH Status:

A registration number is not available for substances in this mixture as the substances are exempted from registration, the annual tonnage does not require a registration or the registration is envisioned for a later registration deadline.

CANADA – WHMIS (Workplace Hazardous Materials Information System) Classification:

B2
MEXICO:
Hazard Classification: 1-3-0
Carcinogen Status: No data available.

SECTION 16: OTHER INFORMATION

HMIS (Hazardous Materials Identification System) rating:

<table>
<thead>
<tr>
<th>Health</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>3</td>
</tr>
<tr>
<td>Physical</td>
<td>0</td>
</tr>
</tbody>
</table>

NFPA 704 (National Fire Protection Association) rating:

<table>
<thead>
<tr>
<th>Health</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire</td>
<td>3</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
</tbody>
</table>

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)
Date of preparation: December 29, 2015
Version: 1.0
Revision Date: December 29, 2015
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Prepared by: Gaco Western LLC

End of Safety Data Sheet