1.1 PRODUCT IDENTIFIER
Product Name: GACOPATCH BLACK COMPLIANT
Product Code: GP1573C, GP1573C-2

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: Firestone Building Products Company, LLC
200 4th Avenue South
Nashville, TN 37201
Gaco is a Firestone Building Products brand
Telephone Number: 800-331-0196 / International: 001-800-331-0196
Email: sds@gaco.com
Website: www.gaco.com

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

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>4</td>
</tr>
<tr>
<td>Eye Damage/Irritation</td>
<td>1</td>
</tr>
<tr>
<td>Sensitization – Skin</td>
<td>1B</td>
</tr>
<tr>
<td>Toxic to Reproduction - fertility</td>
<td>2</td>
</tr>
<tr>
<td>Specific Target Organ Toxicity – (Repeated Exposure) – STOT RE (Oral, Cardiovascular/Blood)</td>
<td>2</td>
</tr>
</tbody>
</table>

2.2 LABEL ELEMENTS
Hazard Pictogram: GHS07; GHS08
Signal Word: DANGER

Hazard Statement: Combustible liquid
May cause an allergic skin reaction
Causes serious eye damage
Suspected of damaging fertility
May cause damage to organs (cardiovascular/blood) through prolonged or repeated exposure (Oral)

Prevention: Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces/sparks/open flames/hot surfaces. -No smoking.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.

Response: In case of fire: Use Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2) to extinguish.
Specific treatment (see section 8 on this label).
Get Medical advice/attention if you feel unwell.
If on skin: Wash with plenty of water.
If skin irritation or a rash occurs: Get medical advice/attention.
Wash contaminated clothing 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 cool. 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. Suspected of damaging fertility. May cause damage to organs (cardiovascular/blood) through prolonged or repeated exposure (Oral). May cause allergic skin reaction. Dermatitis. Rash. Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Hazards not otherwise specified: None Known

60% of the mixture consists of ingredient(s) of unknown acute toxicity

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Material</th>
<th>CAS No.</th>
<th>Weight %*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl siloxane, hydroxy-terminated</td>
<td>70131-67-8</td>
<td>30-60%</td>
</tr>
<tr>
<td>Nepheline syenite - various grades</td>
<td>37244-86-5</td>
<td>15-40%</td>
</tr>
<tr>
<td>Butan-2-one O,O’,O”-(methylsilylidyne)trioxide</td>
<td>22984-54-9</td>
<td>1-5%</td>
</tr>
<tr>
<td>Octamethylcyclotetrasiloxane</td>
<td>556-67-2</td>
<td>1-5%</td>
</tr>
<tr>
<td>Bis(trimethoxysilylpropyl)amine</td>
<td>82985-35-1</td>
<td>1-5%</td>
</tr>
<tr>
<td>3-(trimethoxysilyl)propylamine</td>
<td>13822-56-5</td>
<td>0.1-1.0%</td>
</tr>
<tr>
<td>Other components below reportable levels</td>
<td>-</td>
<td>5-10%</td>
</tr>
</tbody>
</table>
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 occur.

Skin: Wash skin with plenty of soap and water. Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and bring along these instructions.

Eye: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

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.
Suspected of damaging fertility.
May cause damage to organs (cardiovascular/blood) through prolonged or repeated exposure (Oral)
May cause allergic skin reaction. Dermatitis. Rash.
Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

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: Combustible liquid.
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: The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. 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
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. Ensure adequate ventilation. 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.

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. 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. For waste disposal, see Section 13 of the SDS.

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: Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. 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
Storage: Keep away from heat, sparks and open flame. 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: 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: None known. Not soluble in water. Water will gel product.

Safe storage: Keep away from heat, sparks and open flame. Keep container tightly closed. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Keep in an area equipped with sprinklers.
Safe packaging material: No specific recommendations.
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: Observe good industrial hygiene practices.
Suitable storage conditions: Keep away from heat, sparks and open flame. Keep container tightly closed. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Keep in an area equipped with sprinklers.
Handling-technical measures: Use non-sparking tools and explosion-proof equipment. All equipment used when handling this product must be grounded.
Local and general ventilation: Provide adequate ventilation.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS
Control parameters: Follow standard monitoring procedures.

Exposure limits:

Nepheline syenite - various grades
OSHA:
PEL: 5 mg/m³ TQA resp
NIOSH: None

8.2 EXPOSURE CONTROLS
Engineering measured 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) and a face shield.
Hand protection: Wear appropriate chemical resistant gloves.
Respiratory protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
Skin and body protection: Wear appropriate chemical resistant clothing.
Hygiene measures: 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
Appearance: Viscous black liquid
Color: BLACK
Form: Liquid
Odor: Sweet, mild solvent
Odor Threshold: Not available
Physical State: Liquid
pH (at 20°C): Not available
Melting Point/Freezing Point: Not available
Initial Boiling Point and Boiling Range: Not available
Flash Point: 169°F/76°C
Evaporation Rate: Not available
Flammability (solid, gaseous): Combustible liquid
Lower Flammability/Explosive Limit: Not available
Upper Flammability/Explosive Limit: Not available
Evaporation rate: Not available
Vapor Pressure (mm Hg @38°C): Not available
Vapor Density: Not available
Density (lb/gal): 10.2
Relative Density/Specific Gravity: 1.22
Solubility in water/miscibility: Not soluble in water
Partition coefficient: n-octanol/water: Not available
Auto-ignition Temperature: Not available
Decomposition Temperature: Not available
Viscosity (at 25°C): 30,000 cps
Oxidizing Properties: None known
Explosive Properties: Not available
VOC: <50 g/L (<0.417 lb/gal)
Solvent content - Organic: Not available
Solvent content - Water: Not available
Solvent content - Solids: 94.5%
Other information: Not available
Incompatibilities: None known. Not soluble in water. Water will gel product.

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: None known. Not soluble in water. Water will gel product.

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: May cause an allergic skin reaction. Dermatitis. Rash. Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Likely Routes of Exposure: Skin contact. Eye contact. Inhalation.

Eye: Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Skin: May cause an allergic skin reaction. 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:

**Butan-2-one O,O',O"-(methylsilylidyne)trioxime**
- Oral rat LD50 2463 mg/kg bw
- Oral rat LD50 ca. 2500 mg/kg bw
- Derm rat LD50 > 2000 mg/kg bw

**Octamethylcyclotetrasiloxane**
- Oral rat LD50 > 2000 mg/kg bw
- Oral rat LD50 > 4800 mg/kg bw
- Oral rat LD50 > 61440 mg/kg bw
- Oral mouse LD50 1700 mg/kg bw
- Inhal rat LC50 2,975 ppm
- Derm rat LD50 > 2400 mg/kg bw
- Derm rat LD50 > 2000 mg/kg bw

**Bis(trimethoxysilylpropyl)amine**
- Oral rat LD50 4200 < 8400 mg/kg bw
- Oral rat LD50 4 < 8 mL/kg bw
- Oral rat LD50 ca. 3.6 mL/kg bw
- Oral rat LD50 ca. 3780 mg/kg bw
- Inhal rat LC0 Substantially saturated vapour air 6hrr
- Derm rabbit LD50 16 mL/kg bw
- Derm rabbit LD50 16800 mg/kg bw
- Derm rabbit LD50 11.3 mL/kg bw
- Derm rabbit LD50 11865 mg/kg bw

Calculated overall chemical acute toxicity values for this formulation:

<table>
<thead>
<tr>
<th></th>
<th>LC50 (inhalation)</th>
<th>LD50 (oral)</th>
<th>LD50 (dermal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;5 mg/kg (dust and mist)</td>
<td>&gt;2000 mg/kg</td>
<td>&gt;2000 mg/kg</td>
<td></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: Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Respiratory Sensitization: Based on available data, this product is not expected to cause respiratory sensitization.

Skin Sensitization: Prolonged exposure may cause chronic effects. Suspected of damaging fertility. May cause damage to organs (cardiovascular/blood) through prolonged or repeated exposure (Oral). May cause allergic skin reaction. Dermatitis. Rash. Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Symptoms and Target Organs: Prolonged exposure may cause chronic effects. Suspected of damaging fertility. May cause damage to organs (cardiovascular/blood) through prolonged or repeated exposure (Oral). May cause allergic skin reaction. Dermatitis. Rash. Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Chronic Health Effects: Prolonged exposure may cause chronic effects. Suspected of damaging fertility. May cause damage to organs (cardiovascular/blood) through prolonged or repeated exposure (Oral). May cause an allergic skin reaction. Dermatitis. Rash.

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: Suspected of damaging fertility.

Specific Target Organ Toxicity (STOT): Not classified as an STOT - Single Exposure. May cause damage to organs (Circulatory system, blood) through prolonged or repeated (oral) 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
Acute/Chronic Toxicity: 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.

Aquatic toxicity: 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.

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 hazardous for transport under exception 173.150 (f) (2,3)

DOT Bulk
UN: NA1993
Proper shipping name: Combustible liquid, n.o.s. (Dimethyl siloxane, hydroxy-terminated, Butan-2-one O,O',O''-(methylsilylidine)trioxime solution)
Hazard class: 3
Packing group: PG III

IMO/IMDG
Not classified as a Dangerous Goods for Transport

ICAO/IATA
Not classified as a 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

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>Massachusetts 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>[3-(2,3-epoxypropoxy)propyl] diethoxymethylsilane</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Toluene (trace &lt;0.1%)</td>
<td>Dev</td>
<td>Listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Listed</td>
</tr>
<tr>
<td>Methanol (trace &lt;0.1%)</td>
<td>Dev</td>
<td>Listed</td>
<td>Listed</td>
<td>Not listed</td>
<td>Listed</td>
<td>Listed</td>
<td>Listed</td>
</tr>
</tbody>
</table>

California:

Proposition 65:

⚠️ **WARNING**: This product can expose you to Toluene and Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Global Inventories:

<table>
<thead>
<tr>
<th>Notification status:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>US - TSCA</td>
<td>All substances are listed</td>
</tr>
<tr>
<td>Canada - DSL</td>
<td>Not all substances are listed</td>
</tr>
<tr>
<td>Canada - NDLS</td>
<td>At least 1 substance is listed</td>
</tr>
<tr>
<td>EU - EINECS</td>
<td>Not all substances are listed</td>
</tr>
<tr>
<td>EU - ELINCS</td>
<td>No substances are listed</td>
</tr>
<tr>
<td>EU - NLP</td>
<td>No substances are listed</td>
</tr>
<tr>
<td>Australia – AICS</td>
<td>Not all substances are listed</td>
</tr>
<tr>
<td>China - EICSC</td>
<td>Not all substances are listed</td>
</tr>
<tr>
<td>Japan - ENCS</td>
<td>Not all substances are listed</td>
</tr>
<tr>
<td>Korea - KEI</td>
<td>Not all substances are listed</td>
</tr>
<tr>
<td>Taiwan - NECI</td>
<td>All substances are listed</td>
</tr>
<tr>
<td>New Zealand - NZIoC</td>
<td>Not all substances are listed</td>
</tr>
<tr>
<td>Philippine - PICCS</td>
<td>Not all substances are listed</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.

<table>
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</tbody>
</table>

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

<table>
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MEXICO:

<table>
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<th>HAZARD CLASSIFICATION</th>
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<tbody>
<tr>
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</tr>
</tbody>
</table>

Carcinogen Status: No data available.

SECTION 16: OTHER INFORMATION

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Flammability</td>
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<td>Physical</td>
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</table>

NFPA 704 (National Fire Protection Association) Rating:

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>3</td>
</tr>
<tr>
<td>Fire</td>
<td>2</td>
</tr>
<tr>
<td>Reactivity</td>
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</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)
SAFETY DATA SHEET

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)
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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End of Safety Data Sheet