SECTION 1
CHEMICAL PRODUCT AND IDENTIFICATION

PRODUCT: USG SHEETROCK® Brand Acoustical Sealant
CHEMICAL FAMILY: Acoustical Sealant

SECTION 2
COMPOSITION, INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>WT%</th>
<th>TLV (mg/m³)</th>
<th>PEL (mg/m³)</th>
<th>CAS NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>&lt;60</td>
<td>10</td>
<td>15(T)/5(R)</td>
<td>1317-65-3</td>
</tr>
<tr>
<td>Water</td>
<td>&gt;20</td>
<td>(NE)</td>
<td>(NE)</td>
<td>7732-18-5</td>
</tr>
<tr>
<td>Acrylic Polymer</td>
<td>&lt;15</td>
<td>(NE)</td>
<td>(NE)</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Butyl Benzyl Phthalate</td>
<td>&gt;5</td>
<td>0.05(R)</td>
<td>0.1(R)</td>
<td>85-68-7</td>
</tr>
<tr>
<td>Crystalline Silica</td>
<td>&lt;5</td>
<td>0.05(R)</td>
<td>0.1(R)</td>
<td>14808-60-7</td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td>1-3</td>
<td>100 ceiling</td>
<td>(NE)</td>
<td>107-21-1</td>
</tr>
<tr>
<td>Ammonium Hydroxide</td>
<td>&lt;1</td>
<td>(NE)</td>
<td>(NE)</td>
<td>1336-21-6</td>
</tr>
</tbody>
</table>

(T) – Total  (R) – Respirable  (NE) – Not Established  (C) – Ceiling  (M) – Mist  (V) – Vapor

All ingredients of this product are included in the U.S. Environmental Protection Agency’s Toxic Substances Control Act Chemical Substance Inventory. All components of this product are included in the Canadian Domestic Substances List (DSL).

SECTION 3
HAZARD IDENTIFICATION

INFORMATION FOR HANDLING AND IDENTIFICATION OF CHEMICAL HAZARDS

NFPA Ratings:
Health: 1
Fire: 0
Reactivity: 0

HIMS Ratings:
Health: 1
Fire: 0
Reactivity: 0

HEALTH 0 = Minimal Hazard
1 = Slight Hazard
2 = Moderate Hazard
3 = Serious Hazard
4 = Severe Hazard

FLAMMABILITY
0 = Not Flammable
1 = Flammable

PHYSICAL HAZARD
0 = Not Hazardous
1 = Hazardous

PERSONAL PROTECTION
B = Safety glasses, gloves and dust respirator

Personal Protection: Use eye and skin protection. Use NIOSH/MSHA-approved respiratory protection when necessary.

EMERGENCY OVERVIEW: This product is not expected to produce any unusual hazards during normal use. Exposure to high vapor levels may irritate the skin, eyes, nose, throat, or upper respiratory tract.
SECTION 3 HAZARD IDENTIFICATION (continued)

POTENTIAL HEALTH EFFECTS

ACUTE:
Eyes: Vapors or direct contact can cause irritation of eyes. If burning, redness, itching, pain or other symptoms persist or develop, consult physician.
Skin: Direct, prolonged or repeated contact with the skin may cause irritation. If burning, redness, itching, pain or other symptoms persist or develop, consult physician.
Inhalation: Inhalation of vapors can be harmful and may cause headache, nausea, dizziness and lightheadedness. Exposure to vapors can cause irritation of eyes, nose, throat and upper respiratory tract. If respiratory symptoms persist, consult physician.
Ingestion: This product is not intended to be ingested. Harmful if swallowed. Seek medical attention.

CHRONIC:
Eyes: None known.
Skin: Can be absorbed through the skin, causing nervous system damage.
Ingestion: No known effects.
Inhalation: Exposures to respirable crystalline silica are not expected unless product is ground or otherwise mechanically broken down a respirable size fraction. Exposure is not expected during the normal use of this product. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/or lung cancer. Animal studies indicate that prolonged and repeated overexposure to ethylene glycol may cause kidney and/or liver damage and birth defects. Overexposure is highly unlikely at concentrations present in this product. Prolonged and repeated exposure to butyl benzyl phthalate may cause nervous system damage.

TARGET ORGANS: Eyes, skin and respiratory system.
PRIMARY ROUTES OF ENTRY: Inhalation, eyes and skin contact.

SECTION 4 FIRST AID MEASURES

FIRST AID PROCEDURES
Eyes: In case of contact, do not rub or scratch your eyes. Flush thoroughly with water for 15 minutes to remove particles. Get medical attention immediately.
Skin: Wash with mild soap and water. A commercially available hand lotion may be used to treat dry skin areas. If skin has become cracked, take appropriate action to prevent infection and promote healing. If irritation persists, consult physician.
Inhalation: Remove to fresh air. Consult physician.
Ingestion: No specific recommendation. Consult physician.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED: Pre-existing upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma. Pre-existing skin diseases such as, but not limited to, rashes and dermatitis.
SECTION 5
FIRE FIGHTING MEASURES

General Fire Hazards: Not expected to burn.
Extinguishing Media: Water or use extinguishing media appropriate for surrounding fire.
Special Fire Fighting Procedures: Wear appropriate personal protective equipment (See section 8).
Unusual Fire & Explosion Hazards: None known
Hazardous Combustion Products: Product contains low level of organic volatiles which may be emitted or released in application processes involving the use of heat.

<table>
<thead>
<tr>
<th>Flash Point:</th>
<th>None Known</th>
<th>Auto Ignition:</th>
<th>Not Applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Method Used:</td>
<td>Not Applicable</td>
<td>Flammability:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Upper Flammable Limit (UFL):</td>
<td>Not Applicable</td>
<td>Classification:</td>
<td></td>
</tr>
<tr>
<td>Lower Flammable Limit (LFL):</td>
<td>Not Applicable</td>
<td>Rate of Burning:</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

SECTION 6
ACCIDENTAL RELEASE MEASURES

CONTAINMENT:
Wear appropriate personal protection (See Section 8).

CLEAN-UP:
Use normal clean up procedures. Wear appropriate protective equipment. Ventilate area. Floor may be slippery; use care to avoid falling. Shovel or scoop up material from spillage into a waste container for disposal.

DISPOSAL:
Follow all local, state, provincial and federal regulations. Never discharge large releases directly into sewers or surface waters.

SECTION 7
HANDLING AND STORAGE

HANDLING:
Avoid breathing vapors and eye and skin contact. Use good safety and industrial hygiene practices.

STORAGE:
Avoid freezing, product may coagulate. If frozen, thaw slowly at room temperature.
Store at temperatures less than 120°F.

SECTION 8
EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:
Use ventilation to keep vapor concentrations below permissible exposure limits (See Section 2). Where general ventilation is inadequate, use process enclosures, local exhaust ventilation, or other engineering controls to control vapor levels below permissible exposure limits (see Section 2). If engineering controls are not possible, wear a properly fitted NIOSH/MSHA-approved vapor respirator.
SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)

RESPIRATORY PROTECTION:
Wear a NIOSH/MSHA-approved respirator in poorly ventilated areas, and if TLV is exceeded. A respiratory program that meets OSHA’s 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

OTHER PERSONAL PROTECTIVE EQUIPMENT:
Eye/Face: Wear safety glasses, goggles or face shield for eye protection.
Skin: Wear neoprene gloves for hand protection. Wear adequate clothing to minimize skin contact. Wash clothing on a regular basis.
General: Selection of Personal Protective Equipment will depend on environmental working conditions and operations.

SECTION 9
PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Off-White</td>
</tr>
<tr>
<td>Physical State</td>
<td>Paste</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Approx. 212°F</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.5</td>
</tr>
<tr>
<td>Softening Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Viscosity</td>
<td>250,000-400,000 cps</td>
</tr>
<tr>
<td>Percent Volatile</td>
<td>25-35</td>
</tr>
<tr>
<td>VOC Content</td>
<td>≤65 g/l less water</td>
</tr>
<tr>
<td>Odor</td>
<td>Sweet acrylic odor</td>
</tr>
<tr>
<td>pH</td>
<td>8.5-9.25</td>
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<tr>
<td>Vapor Density</td>
<td>Not Available</td>
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<tr>
<td>Freezing Point</td>
<td>Approx. 32°F</td>
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<tr>
<td>Solubility (H2O)</td>
<td>Emulsion</td>
</tr>
<tr>
<td>Particle Size</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>Not Available</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>Mixture</td>
</tr>
</tbody>
</table>

SECTION 10
CHEMICAL STABILITY AND REACTIVITY

STABILITY: Stable.
CONDITIONS TO AVOID: Contact with incompatibles.
INCOMPATIBILITY: Strong oxidizing agents, acids and bases.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION: Product contains low level of organic volatiles which may be emitted or released in application processes involving the use of heat.

SECTION 11
TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:
Direct contact may cause eye or skin irritation. Exposure to vapors may cause eye, skin and/or respiratory irritation. (See Section 3)
LD₅₀: Not Available for product.
LC₅₀: Not Available for product.
SECTION 11 TOXICOLOGICAL INFORMATION (continued)

CHRONIC EFFECTS / CARCINOGENICITY:

**Crystalline silica:** Exposures to respirable crystalline silica are not expected unless product is ground or otherwise mechanically broken down a respirable size fraction. Exposure is not expected during the normal use of this product. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/or lung cancer.

**Ethylene Glycol:** Animal studies indicate that prolonged and repeated overexposure to ethylene glycol may cause kidney and/or liver damage and birth defects. Overexposure is highly unlikely at concentrations present in this product. Trace amounts of 1,4 dioxane, acetaldehyde and ethylene glycol monomethyl ether may be associated with the production of ethylene glycol. Any exposure to these substances is expected to remain well below OSHA regulatory and ACGIH recommended limits during normal handling and use of this product.

**Butyl benzyl phthalate:** Prolonged and repeated exposure to butyl benzyl phthalate may cause nervous system damage.

**Ammonia:** Trace amounts of ammonia may be associated with the production of ammonium hydroxide. Any exposure to ammonia is expected to remain well below OSHA regulatory and ACGIH recommended limits during normal handling and use of this product.

SECTION 12
ECOLOGICAL INFORMATION

ENVIRONMENTAL TOXICITY: A component of this product, butyl benzyl phthalate meets the definition of a marine pollutant.

**Ecotoxicity value:** Not determined.

SECTION 13
DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
Dispose of material in accordance with Federal, State, Provincial, and Local regulations. Consult with environmental regulatory agencies for guidance on acceptable disposal practices. Never discharge directly into sewers or surface waters.

SECTION 14
TRANSPORT INFORMATION

**U.S. DOT INFORMATION:** Not a hazardous material per DOT shipping requirements. Not classified or regulated.

**Shipping Name:** Same as product name.

**Hazard Class:** Not classified

**UN/NA #:** None. Not classified.

**Packing Group:** None.

**Label (s) Required:** Not applicable.

**GGVSec/MDG-Code:** Not classified.

**ICAO/IATA-DGR:** Not applicable.

**RID/ADR:** None

**ADNR:** None
SECTION 15
REGULATORY INFORMATION

UNITED STATES REGULATIONS

All ingredients of this product are included in the U.S. Environmental Protection Agency’s Toxic Substances Control Act Chemical Substance Inventory.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>WT%</th>
<th>302</th>
<th>304</th>
<th>313</th>
<th>CERCLA</th>
<th>CAA Sec. 112</th>
<th>RCRA Code</th>
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<tbody>
<tr>
<td>Limestone</td>
<td>&lt;60</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
</tr>
<tr>
<td>Water</td>
<td>&gt;20</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
</tr>
<tr>
<td>Acrylic Polymer</td>
<td>&lt;15</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
</tr>
<tr>
<td>Butyl Benzyl Phthalate</td>
<td>&gt;5</td>
<td>NL</td>
<td>NL</td>
<td>100</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
</tr>
<tr>
<td>Crystalline Silica</td>
<td>&lt;5</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
<td>NL</td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td>1-3</td>
<td>NL</td>
<td>NL</td>
<td>X</td>
<td>5,000</td>
<td>NL</td>
<td>NL</td>
</tr>
<tr>
<td>Ammonium Hydroxide</td>
<td>&lt;1</td>
<td>NL</td>
<td>NL</td>
<td>X</td>
<td>1,000</td>
<td>NL</td>
<td>NL</td>
</tr>
</tbody>
</table>

Key: NL = Not Listed
SARA Title III Section 302 (EPCRA) Extremely Hazardous Substances: Threshold Planning Quantity (TPQ)
SARA Title III Section 304 (EPCRA) Extremely Hazardous Substances: Reportable Quantity (RQ)
SARA Title III Section 313 (EPCRA) Toxic Chemicals: X = Subject to reporting under section 313
CERCLA Hazardous Substances: Reportable Quantity (RQ)
CAA Section 112 (r) Regulated Chemicals for Accidental Release Prevention: Threshold Quantities(TQ)
RCRA Hazardous Waste: RCRA hazardous waste code

CANADIAN REGULATIONS

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. All components of this product are included in the Canadian Domestic Substances List (DSL).

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>WT%</th>
<th>IDL Item #</th>
<th>WHMIS Classification:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>&lt;60</td>
<td>Not Listed</td>
<td>D2A</td>
</tr>
<tr>
<td>Water</td>
<td>&gt;20</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Acrylic Polymer</td>
<td>&lt;15</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Butyl Benzyl Phthalate</td>
<td>&gt;5</td>
<td>241</td>
<td>Not Listed</td>
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<tr>
<td>Crystalline Silica</td>
<td>&lt;5</td>
<td>1406</td>
<td>D2A</td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td>1-3</td>
<td>716</td>
<td>D2A</td>
</tr>
<tr>
<td>Ammonium Hydroxide</td>
<td>&lt;1</td>
<td>96</td>
<td>D1B, E</td>
</tr>
</tbody>
</table>

IDL Item #: Canadian Hazardous Products Act – Ingredient Disclosure List Item #
WHMIS Classification: Workplace Hazardous Material Information System
SECTION 15 REGULATORY INFORMATION (continued)

CARCINOGENICITY CLASSIFICATION OF INGREDIENT(S) All substances listed are associated with the nature of the raw materials used in the manufacture of this product and are not independent components of the product formulation. All substances, if present, are at levels well below regulatory limits. See Section 11 : Toxicology Information for detailed information.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>IARC</th>
<th>NTP</th>
<th>ACGIH</th>
<th>CAL- 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respirable Crystalline Silica</td>
<td>1</td>
<td>1</td>
<td>A2</td>
<td>Listed</td>
</tr>
<tr>
<td>Acetaldehyde</td>
<td>2B</td>
<td>2</td>
<td>A3</td>
<td>Listed</td>
</tr>
<tr>
<td>1, 4 Dioxane</td>
<td>2B</td>
<td>2</td>
<td>A3</td>
<td>Listed</td>
</tr>
</tbody>
</table>

IARC – International Agency for Research on Cancer (World Health Organization)
1- Carcinogenic to humans
2A – Probably carcinogenic to humans
2B – Possibly carcinogenic to humans
3 - Not classifiable as a carcinogen
4 – Probably not a carcinogen

NTP – National Toxicology Program (Health and Human Services Dept., Public Health Service, NIH/NIEHS)
1- Known to be carcinogen
2- Anticipated to be carcinogens

ACGIH – American Conference of Governmental Industrial Hygienists
A1 – Confirmed human carcinogen
A2 – Suspected human carcinogen
A3 – Animal carcinogen
A4 - Not classifiable as a carcinogen
A5 – Not suspected as a human carcinogen

CAL-65 – California Proposition 65 “Chemicals known to the State of California to Cause Cancer”

SECTION 16
OTHER INFORMATION

Label Information
WARNING!
Avoid exposure to fumes. Inhalation of vapor may cause headache, nausea, or irritation of nose, throat, and lungs. Use in a well ventilated area. Wear a NIOSH/MSHA-approved respirator in poorly ventilated areas. Avoid contact with eyes and skin. Wear safety glasses or goggles for eye protection. If eye contact occurs, immediately flush thoroughly with water for 15 minutes. If irritation persists, consult physician. Prolonged or repeated contact with skin can cause irritation. Wear waterproof gloves and protective work clothing for skin protection. If skin contact occurs, wash thoroughly with soap and water. If irritation persists, consult physician. Do not ingest. If ingested, consult physician immediately.
Product safety information: www.usg.com
KEEP OUT OF REACH OF CHILDREN.

Key/Legend
TLV Threshold Limit Value
PEL Permissible Exposure Limit
CAS Chemical Abstracts Service (Registry Number)
NIOSH National Institute for Occupational Safety and Health
SECTION 16 OTHER INFORMATION (continued)

MSHA  Mine Safety and Health Administration
OSHA  Occupational Health and Safety Administration
ACGIH  American Conference of Governmental Industrial Hygienists
IARC  International Agency for Research on Cancer
DOT  United States Department of Transportation
EPA  United States Environmental Protection Agency
NFPA  National Fire Protection Association
HMIS  Hazardous Materials Identification System
PPE  Personal Protection Equipment
TSCA  Toxic Substances Control Act
DSL  Canadian Domestic Substances List
NDSD  Canadian Non-Domestic Substances List
SARA  Superfund Amendments and Reauthorization Act of 1986
RCRA  Resource Conservation and Recovery Act
CERCLA  Comprehensive Environmental Response, Compensation and Liability Act of 1980
UN/NA#  United Nations/North America number
CFR  Code of Federal Regulations
WHMIS  Workplace Hazardous Material Information System

Prepared by:
Product Safety
USG Corporation
125 South Franklin St.
Chicago, Illinois 60606

END