SAFETY DATA SHEET

1. Identification

Product identifier: USG Durock™ Brand Primer-Sealer

Other means of identification
- SDS number: 14000020001
- Synonyms: Surface primer, Sealer

Recommended use: Interior use.

Recommended restrictions: Use in accordance with manufacturer's recommendations.

Manufacturer/Importer/Supplier/Distributor information
- Company name: United States Gypsum Company
- Address: 550 West Adams Street, Chicago, Illinois 60661-3637
- Telephone: 1-800-874-4968
- Website: www.usg.com
- Emergency phone number: 1-800-507-8899

2. Hazard(s) identification

Physical hazards: Not classified.

Health hazards
- Sensitization, skin: Category 1

Environmental hazards
- Hazardous to the aquatic environment, acute hazard: Category 2
- Hazardous to the aquatic environment, long-term hazard: Category 3

OSHA defined hazards: Not classified.

Label elements

- Signal word: Warning
- Hazard statement: May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.
- Precautionary statement:
  - Prevention: Avoid breathing mist/vapors. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. Avoid release to the environment.
  - Response: If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
  - Storage: Store away from incompatible materials.
  - Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC): None known.

Supplemental information: None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urea</td>
<td>57-13-6</td>
<td>&lt; 5</td>
</tr>
<tr>
<td>Alkylaryl polyether</td>
<td>60864-33-7</td>
<td>&lt; 2</td>
</tr>
</tbody>
</table>
Ammonium hydroxide 1336-21-6 < 1
Zinc omadine 13463-41-7 < 0.1
5-Chloro-2-methyl-2H-isothiazol-3-one 26172-55-4 < 0.005

Composition comments
All concentrations are in percent by weight.

4. First-aid measures

Inhalation
Exposure to mists may cause temporary irritation to eyes, skin, nose, throat, and upper respiratory tract. Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.

Skin contact
Rinse area with plenty of water. Get medical attention if irritation develops and persists.

Eye contact
Do not rub eyes. Flush thoroughly with water. If burning, redness, itching, pain, or other symptoms develop or persist get medical attention.

Ingestion
Rinse mouth. Get medical attention if any discomfort occurs.

Most important symptoms/effects, acute and delayed
May cause an allergic skin reaction. Dermatitis. Rash.

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically.

General information
Ensure that medical personnel are aware of the material(s) involved.

5. Fire-fighting measures

Suitable extinguishing media
Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media
Not applicable.

Specific hazards arising from the chemical
Not a fire hazard.

Special protective equipment and precautions for firefighters
Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions
Use standard firefighting procedures and consider the hazards of other involved materials.

Specific methods
Cool material exposed to heat with water spray and remove it if no risk is involved.

General fire hazards
No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
See Section 8 of the SDS for Personal Protective Equipment.

Methods and materials for containment and cleaning up
Prevent entry into confined areas or water systems. Dilute with water and mop or wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Dispose of waste according to local regulations.

Environmental precautions
Avoid discharge to drains, sewers, and other water systems.

7. Handling and storage

Precautions for safe handling
Minimize exposure to mists. In case of insufficient ventilation, wear suitable respiratory equipment. Observe good industrial hygiene practices. Use proper lifting techniques.

Conditions for safe storage, including any incompatibilities
Store in a cool, dry place. Store in a closed container away from incompatible materials, food, or drinking water. Protect from moisture. Keep away from heat. Do not use if material has spoiled, i.e., there is a moldy appearance or an unpleasant odor. Keep containers closed when not in use.

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium hydroxide (CAS 1336-21-6)</td>
<td>STEL</td>
<td>35 ppm</td>
</tr>
</tbody>
</table>
US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium hydroxide</td>
<td>TWA</td>
<td>25 ppm</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>STEL</td>
<td>27 mg/m³</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>TWA</td>
<td>35 ppm</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>TWA</td>
<td>18 mg/m³</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>TWA</td>
<td>25 ppm</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urea (CAS 57-13-6)</td>
<td>TWA</td>
<td>10 mg/m³</td>
</tr>
</tbody>
</table>

No biological exposure limits noted for the ingredient(s).
No exposure standards allocated.
Provide sufficient ventilation for operations causing mist formation. Observe occupational exposure limits and minimize the risk of exposure.

Individual protection measures, such as personal protective equipment

- **Eye/face protection**: Wear approved safety goggles.
- **Skin protection**: It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves.
- **Skin protection**: Normal work clothing (long sleeved shirts and long pants) is recommended.
- **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. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.

Biological limit values: None.
Exposure guidelines: None.
Appropriate engineering controls: None.

9. Physical and chemical properties

**Appearance**
- **Physical state**: Liquid.
- **Form**: Acrylic emulsion.
- **Color**: White.
- **Odor**: Slight acrylic.
- **Odor threshold**: Not applicable.
- **pH**: 8.5 - 9.5
- **Melting point/freezing point**: 32 °F (0 °C)
- **Initial boiling point and boiling range**: 212 °F (100 °C)
- **Flash point**: Not applicable.
- **Evaporation rate**: Not applicable.
- **Flammability (solid, gas)**: Not applicable.
Upper/lower flammability or explosive limits

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability limit - lower (%)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Flammability limit - upper (%)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Explosive limit - lower (%)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Explosive limit - upper (%)</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

Vapor pressure Not applicable.
Vapor density Not applicable.
Relative density 1 - 1.2 (H2O=1)
Solubility(i)es
  Solubility (water) Soluble in water.
Partition coefficient (n-octanol/water) Not applicable.
Auto-ignition temperature Not applicable.
Decomposition temperature Not applicable.
Viscosity Not applicable.
Other information
  Bulk density 7.8 - 8.5 lb/gal
  Explosive properties Not explosive.
  Oxidizing properties Not oxidizing.
  VOC 1.5 g/l

10. Stability and reactivity

Reactivity The product is stable and non reactive under normal conditions of storage and transport.
Chemical stability Stable at normal conditions.
Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.
Conditions to avoid Contact with incompatible materials.
Incompatible materials Strong oxidizing agents.
Hazardous decomposition products None known.

11. Toxicological information

Information on likely routes of exposure
Inhalation Spray mist may irritate the respiratory system.
Skin contact May cause an allergic skin reaction after a single exposure. Prolonged or repeated skin contact may cause irritation and/or sensitization.
Eye contact Direct contact with eyes may cause temporary irritation.
Ingestion May cause discomfort if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics
Direct contact with eyes may cause temporary irritation. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects
Acute toxicity Not expected to be acutely toxic.

<table>
<thead>
<tr>
<th>Component</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium hydroxide (CAS 1336-21-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>350 mg/kg</td>
</tr>
<tr>
<td>Components</td>
<td>Species</td>
<td>Test Results</td>
</tr>
<tr>
<td>------------</td>
<td>---------</td>
<td>--------------</td>
</tr>
<tr>
<td>Urea (CAS 57-13-6)</td>
<td>Rat</td>
<td>8471 mg/kg</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**
- Prolonged or repeated skin contact may cause irritation.

**Serious eye damage/eye irritation**
- Direct contact with eyes may cause temporary irritation.

**Respiratory or skin sensitization**
- Not a respiratory sensitizer.

**Skin sensitization**
- May cause an allergic skin reaction after a single exposure or with repeated or prolonged skin contact.

**Germ cell mutagenicity**
- Not mutagenic in bacterial or mammalian systems.

**Carcinogenicity**
- This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

- IARC Monographs. Overall Evaluation of Carcinogenicity
  - Not listed.
- NTP Report on Carcinogens
  - Not listed.
  - Not listed.

**Reproductive toxicity**
- Not a reproductive toxin.

**Specific target organ toxicity - single exposure**
- No data available, but none expected.

**Specific target organ toxicity - repeated exposure**
- No data available, but none expected.

**Aspiration hazard**
- Not classified.

**Chronic effects**
- No specific acute or chronic health impact noted.

### 12. Ecological information

**Ecotoxicity**
- Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium hydroxide (CAS 1336-21-6)</td>
<td>Crustacea</td>
<td>LC50 0.66 mg/l, 48 hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Daphnia magna</td>
</tr>
<tr>
<td>Urea (CAS 57-13-6)</td>
<td>Crustacea</td>
<td>EC50 3910 mg/l, 48 hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Water flea (Daphnia magna)</td>
</tr>
<tr>
<td></td>
<td>Fish</td>
<td>LC50 5 mg/l, 96 hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Giant gourami (Colisa fasciata)</td>
</tr>
</tbody>
</table>

**Persistence and degradability**
- No data is available on the degradability of this product.

**Bioaccumulative potential**
- Bioaccumulation is not expected.

**Partition coefficient n-octanol / water (log Kow)**
- Urea (CAS 57-13-6) -2.11

**Mobility in soil**
- The product is soluble in water.

**Other adverse effects**
- None expected.

### 13. Disposal considerations

**Disposal instructions**
- Dispose waste and residues in accordance with applicable federal, state, and local regulations.
- Avoid discharge into water courses or onto the ground.

**Local disposal regulations**
- Dispose of in accordance with local regulations.

**Hazardous waste code**
- The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products**
- Dispose of in accordance with local regulations.
14. Transport information

DOT
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not available.

15. Regulatory information

US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
5-Chloro-2-methyl-2H-isothiazol-3-one
(CAS 26172-55-4)
1.0 % One-Time Export Notification only.

CERCLA Hazardous Substance List (40 CFR 302.4)
Ammonium hydroxide (CAS 1336-21-6) Listed.
Zinc omadine (CAS 13463-41-7) Listed.

SARA 304 Emergency release notification
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)
Not listed.

Toxic Substances Control Act (TSCA)
All components of the mixture on the TSCA 8(b) inventory are designated “active”.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
SARA 302 Extremely hazardous substance
Not listed.
SARA 311/312 Hazardous chemical
Yes
Classified hazard categories
Respiratory or skin sensitization
SARA 313 (TRI reporting)
Not regulated.

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.
Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations
US. Massachusetts RTK - Substance List
Ammonium hydroxide (CAS 1336-21-6)

US. New Jersey Worker and Community Right-to-Know Act
Ammonium hydroxide (CAS 1336-21-6)
Zinc omadine (CAS 13463-41-7)

US. Pennsylvania Worker and Community Right-to-Know Law
Ammonium hydroxide (CAS 1336-21-6)
Zinc omadine (CAS 13463-41-7)

US. Rhode Island RTK
Not regulated.
California Proposition 65
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 04-September-2015
Revision date 20-December-2019
Version # 03

Further information
- NFPA Ratings:
  - Health: 2
  - Flammability: 0
  - Physical hazard: 0
  - NFPA Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

NFPA ratings

Disclaimer
This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.