SAFETY DATA SHEET

1. Identification
Product identifier  USG Durock™ Brand Fusion™ Primer - Part B
Other means of identification
   SDS number  14000000040
   Recommended use  Interior use.
   Recommended restrictions
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  CHEMTREC: 800-424-9300
                            INTERNATIONAL: 703-527-3887

2. Hazard(s) identification
Physical hazards  Not classified.
Health hazards  Acute toxicity, oral Category 4
                Serious eye damage/eye irritation Category 1
OSHA defined hazards  Not classified.
Label elements
   Signal word  Danger
   Hazard statement  Harmful if swallowed. Causes serious eye damage.
   Precautionary statement
   Prevention  Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear eye
               protection/face protection.
   Response  If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. 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 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  50% of the mixture consists of component(s) of unknown acute dermal toxicity. 50% of the mixture
                            consists of component(s) of unknown acute inhalation toxicity.

3. Composition/information on ingredients
Mixtures
   Chemical name  Mannich Base Adduct
                   Proprietary
                   <= 50
Composition comments
The chemical identity of some or all components present is confidential business information (trade secret), and is being withheld as permitted by 29 CFR 1910.1200(i).

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation
Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact
Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation develops and persists.

Eye contact
Small amounts splashed into eyes can cause irreversible tissue damage and blindness. Immediately flush eyes with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Get medical attention immediately. Continue rinsing eyes during transport to hospital.

Ingestion
Rinse mouth and drink plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention.

Most important symptoms/effects, acute and delayed
Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Gastrointestinal irritation and/or diarrhea.

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, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

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
During fire, gases hazardous to health may be formed such as: Carbon oxides. Nitrogen oxides.

Special protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions
Move containers from fire area if you can do so without risk. Control contaminated fire water to minimize release to the environment. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Specific methods
Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards
No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. 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. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up
This product is miscible in water.

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.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions
Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

7. Handling and storage

Precautions for safe handling
Do not get in eyes, on skin, on clothing. Smoking, eating and drinking should be prohibited in the application area. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities

Keep container tightly closed and in a well-ventilated place. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

8. Occupational exposure limits

No exposure limits noted for ingredient(s).

8. Biological limit values

No biological exposure limits noted for the ingredient(s).

8. Appropriate engineering controls

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. Provide eyewash station.

Individual protection measures, such as personal protective equipment

- **Eye/face protection**
  - Wear safety glasses with side shields (or goggles) and a face shield.

- **Skin protection**
  - **Hand protection**
    - Wear appropriate chemical resistant gloves.

- **Skin protection**
  - **Other**
    - Wear suitable protective clothing.

- **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.

- **Thermal hazards**
  - Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Keep away from food and drink. 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.

9. Physical and chemical properties

**Appearance**

- **Physical state**: Liquid.
- **Form**: Liquid.
- **Color**: Off-white.
- **Odor**: Ammoniacal.
- **Odor threshold**: Not available.
- **pH**: 11.2
- **Melting point/freezing point**: Not available.
- **Initial boiling point and boiling range**: Not available.
- **Flash point**: 225.0 °F (107.2 °C)
- **Evaporation rate**: Not available.
- **Flammability (solid, gas)**: Not available.

**Upper/lower flammability or explosive limits**

- **Flammability limit - lower (%)**: Not available.
- **Flammability limit - upper (%)**: Not available.
- **Vapor pressure**: Not available.
- **Vapor density**: Not available.
- **Relative density**: Not available.
- **Solubility(ies)**
  - **Solubility (water)**: Completely Soluble

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USG Durock™ Brand Fusion™ Primer - Part B
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SDS US
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Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature Not Applicable
Decomposition temperature Not available.
Viscosity Not available.

Other information
- **Density**: 1.08 g/cm³ at 73°F (23°C) (Approximate)
- **Explosive properties**: Not explosive.
- **Kinematic viscosity**: > 20.5 mm²/s at 104°F (40°C)
- **Oxidizing properties**: Not available.
- **VOC**: < 5 g/l (A + B Combined)

10. Stability and reactivity

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

**Chemical stability**
Material is stable under normal conditions.

**Possibility of hazardous reactions**
Hazardous polymerization does not occur.

**Conditions to avoid**
Contact with incompatible materials.

**Incompatible materials**
Strong oxidizing agents.

**Hazardous decomposition products**
No hazardous decomposition products are known.

11. Toxicological information

**Information on likely routes of exposure**
- **Inhalation**: No adverse effects due to inhalation are expected.
- **Skin contact**: Prolonged skin contact may cause irritation.
- **Eye contact**: Causes serious eye damage.
- **Ingestion**: Harmful if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics**
Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Gastrointestinal irritation and/or diarrhea.

**Information on toxicological effects**

**Acute toxicity**
Harmful if swallowed.

**Skin corrosion/irritation**
Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation**
Causes serious eye damage.

**Respiratory or skin sensitization**
- **Respiratory sensitization**: Not a respiratory sensitizer.
- **Skin sensitization**: This product is not expected to cause skin sensitization.

**Germ cell mutagenicity**
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity**
Not classifiable as to carcinogenicity to humans.

**IARC Monographs. Overall Evaluation of Carcinogenicity**
Not listed.

**NTP Report on Carcinogens**
Not listed.

Not regulated.

**Reproductive toxicity**
This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure**
Not classified.

**Specific target organ toxicity - repeated exposure**
Not classified.

**Aspiration hazard**
Not an aspiration hazard.
12. Ecological information

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.

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

Bioaccumulative potential
No data available.

Mobility in soil
No data available.

Other adverse effects
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions
Dispose in accordance with applicable federal, state, and local regulations. Do not empty into drains; dispose of this material and its container in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Recycle responsibly.

Local disposal regulations
Dispose in accordance with all applicable 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.

Contaminated packaging
Empty containers should be taken to an approved waste handling site for recycling or disposal.

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 applicable.

15. Regulatory information

US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Additional information is given in the Safety Data Sheet.

All components of this product are in compliance with the listing Requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
Yes

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

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.

US. Massachusetts RTK - Substance List
Not regulated.

US. New Jersey Worker and Community Right-to-Know Act
Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law
Not listed.

US. Rhode Island RTK
Not regulated.

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

Issue date 27-March-2017
Revision date -
Version # 01

Further information
NFPA Ratings:
Health: 3
Flammability: 1
Physical hazard: 0
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.