**CLASSIFICATION: 09 20 00**

PRODUCT DESCRIPTION: USG SHEETROCK® BRAND GLASS-MAT PANELS MOLD TOUGH® AR FIRECODE® X ARE HIGH-PERFORMANCE INTERIOR PANELS FOR NEW CONSTRUCTION OR RENOVATION WORK. THE PANELS WERE DESIGNED AND TESTED TO OFFER GREATER RESISTANCE TO SURFACE INDENTATION AND IMPACT DAMAGE THAN STANDARD GYPSUM PANELS. THESE ABUSE-RESISTANT GYPSUM PANELS ARE RECOMMENDED FOR COMMERCIAL AND INSTITUTIONAL CONSTRUCTION WHERE GREATER RESISTANCE TO INDENTATION AND IMPACT DAMAGE ARE REQUIRED, PROVIDING A LOWER-COST ALTERNATIVE TO OTHER SYSTEMS FOR PARTITIONS FROM OTHER CONSTRUCTION METHODS.

**Section 1: Summary**

**CONTENT INVENTORY**

Threshold per material:
- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals and impurities considered in 0 of 1 materials:
- see Section 2: Material Notes

Based on the selected Content Inventory Threshold:
- Characterized: Yes or No
- Are the Percent Weight and Role provided for all substances? Yes or No
- Screened: Yes or No
- Are all substances screened using Priority Hazard Lists with results disclosed? Yes or No
- Identified: Yes or No
- Are all substances disclosed by Name (Specific or Generic) and Identifier?

**CONTENT IN DESCENDING ORDER OF QUANTITY**

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

**MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY | GREENSCREEN SCORE | HAZARD TYPE**

| SHEETROCK® BRAND GLASS-MAT PANELS MOLD TOUGH® AR FIRECODE® X [ GYPSUM | FIBERGLASS | UNK CELLULOSE | UNK FLY ASH | UNK PROPRIETARY | UNK DEXTRIN | UNK POLY (METHYLHYDROSILOXANE) | UNK STARCH | UNK CALCIUM SALT OF POLYNAPHTHALenesULFONIC ACID | UNK SODIUM PYRITHIONE | UNK ]

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE**

VOC emissions: GREENGUARD Certification - Sheetrock® Brand Glass-Mat Panels Mold Tough® AR Firecode®

**VERIFIER:**
- Self-Published*
- Third Party Verified

**SCREENING DATE:** August 15, 2016
**RELEASE DATE:** August 15, 2016

**EXPIRY DATE:** August 15, 2019

* or within 3 months of significant change in product contents.

*See HPDC website for details.
This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; “Not Found” does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

<table>
<thead>
<tr>
<th>Material</th>
<th>Inventory Threshold</th>
<th>Residuals Considered</th>
<th>Material Notes</th>
<th>HPD URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHEETROCK® BRAND GLASS-MAT PANELS MOLD TOUGH® AR FIRECODE® X</td>
<td>%: 100.0000</td>
<td>No</td>
<td>Raw materials in this product may contain trace amounts of respirable crystalline silica. Testing has shown exposures to respirable crystalline silica are not expected to exceed the OSHA Permissible Exposure Level (PEL) during the normal use of this product. See the SDS on usg.com for occupational exposure information.</td>
<td></td>
</tr>
<tr>
<td><strong>GYPSUM</strong></td>
<td>%: 85.0000 - 97.0000</td>
<td>GS: UNK</td>
<td>RC: PreC</td>
<td>NANO: NO</td>
</tr>
<tr>
<td><strong>HAZARDS:</strong></td>
<td>AGENCY(IES) WITH WARNINGS:</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
</tr>
<tr>
<td><strong>SUBSTANCE NOTES:</strong></td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FIBERGLASS</strong></td>
<td>%: 1.0000 - 4.0000</td>
<td>GS: UNK</td>
<td>RC: None</td>
<td>NANO: NO</td>
</tr>
<tr>
<td><strong>HAZARDS:</strong></td>
<td>AGENCY(IES) WITH WARNINGS:</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
</tr>
<tr>
<td><strong>SUBSTANCE NOTES:</strong></td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CELLULOSE</strong></td>
<td>%: 0.6000 - 1.5000</td>
<td>GS: UNK</td>
<td>RC: None</td>
<td>NANO: NO</td>
</tr>
<tr>
<td><strong>HAZARDS:</strong></td>
<td>AGENCY(IES) WITH WARNINGS:</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
</tr>
<tr>
<td><strong>SUBSTANCE NOTES:</strong></td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FLY ASH</strong></td>
<td>ID: 68131-74-8</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sheetrock® Brand Glass-Mat Panels Mold Tough® AR Firecode® X Health Product Declaration Page 2 of 5 created via: HPDC Online Builder www.hpd-collaborative.org
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>% Range</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>Role</th>
<th>HAZARDS</th>
<th>AGENCY(IES) WITH WARNINGS:</th>
<th>SUBSTANCE NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary</td>
<td>Undisclosed</td>
<td>0.2000 - 0.3000</td>
<td>UNK</td>
<td>None</td>
<td>NO</td>
<td>Catalyst</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td>NA</td>
</tr>
<tr>
<td>Dextrin</td>
<td>9004-53-9</td>
<td>0.1000 - 0.5000</td>
<td>UNK</td>
<td>None</td>
<td>NO</td>
<td>Core strengthening</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td>Highest concern GreenScreen® score- LT-U</td>
</tr>
<tr>
<td>Poly (Methylhydroxiloxane)</td>
<td>63148-57-2</td>
<td>0.1000 - 0.5000</td>
<td>UNK</td>
<td>None</td>
<td>NO</td>
<td>Water repellant</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td>NA</td>
</tr>
<tr>
<td>Starch</td>
<td>9005-25-8</td>
<td>0.1000 - 0.5000</td>
<td>UNK</td>
<td>None</td>
<td>NO</td>
<td>Binder</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td>NA</td>
</tr>
</tbody>
</table>
Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All
CERTIFICATION AND COMPLIANCE NOTES:

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

Section 5: General Notes
MANUFACTURER INFORMATION

MANUFACTURER: United States Gypsum Company
ADDRESS: 550 West Adams St
        Chicago, IL 60661
        United States
WEBSITE: usg.com
CONTACT NAME: Stacy Simpson
TITLE: Sustainability Analyst II, Authorized GreenScreen Practitioner
PHONE: 1-800-USG4YOU
EMAIL: sustainability@usg.com

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation

GLO Global warming
MAM Mammalian/systemic/organ toxicity
NEU Neurotoxicity
MUL Multiple hazards
OZO Ozone depletion
PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)
REP Reproductive toxicity
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
LAN Land Toxicity
NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)
BM-3 Benchmark 3 (use but still opportunity for improvement)
BM-2 Benchmark 2 (use but search for safer substitutes)
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspecified (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1
LT-1 List Translator Likely Benchmark 1
LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
UNK Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)
PostC Postconsumer
Both Both Preconsumer and Postconsumer
Unk Inclusion of recycled content is unknown
None Does not include recycled content

Other

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer’s self-declaration (First Party)
Independent Lab Manufacturer’s self-declaration using results from an independent lab
Second Party Verification by trade association or other interested party
Third Party Verification by independent certifier
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator, and when available, full GreenScreen assessments. The HPD Open Standard does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a “Health Product Declaration,” or “HPD.” The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD Open Standard noted.