USG Sheetrock® Brand Topping Joint Compound, Ready-Mixed by USG

Health Product Declaration v2.1
created via: HPDC Online Builder

CLASSIFICATION: 09 29 00

PRODUCT DESCRIPTION: USG Sheetrock® Brand Topping Joint Compound is a low-shrinkage compound recommended for use in second and third coats over USG Sheetrock® Brand Taping and All-Purpose Joint Compounds. USG Sheetrock® Brand Topping Joint Compound applies quickly, providing easy workability, excellent slip and bond, and low shrinkage. Can be used directly from the container and requires only minimal mixing, thinning, and retempering and meets ASTM C475.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold Disclosed Per</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>Material</td>
</tr>
<tr>
<td>Basic Method</td>
<td>Product</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
<th>Are All Substances Above the Threshold Indicated?</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ppm</td>
<td>Considered</td>
<td>Yes</td>
</tr>
<tr>
<td>1,000 ppm</td>
<td>Partially Considered</td>
<td>No</td>
</tr>
<tr>
<td>Per GHS SDS</td>
<td>Not Considered</td>
<td></td>
</tr>
<tr>
<td>Per OSHA MSDS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 |
----------|-----------|----------------------|-------------------|-------------|
USG SHEETROCK® BRAND TOPPING JOINT COMPOUND, READY-MIXED | LIMESTONE; CALCIUM CARBONATE | LT-UNK WATER | BM-4 |
ATTAPULGITE | LT-1 | CAN MICA LT-UNK POLYVINYL ACETATE (PVA) | LT-UNK UNDISCLOSED LT-UNK 1,3,5-TRIAZINE-1,3,5(2H,4H,6H)-TRIETHANOL | LT-1 |
| LT-UNK | SKI UNDISCLOSED LT-UNK PERLITE LT-UNK UNDISCLOSED LT-UNK QUARTZ LT-1 | CAN |

Number of Greenscreen BM-4/BM3 contents ... 1
Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:
Residuals/Impurities in raw materials that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS are displayed in the HPD when greater than or equal to 1000 ppm. USG uses an outside lab to quantify potential impurities of raw materials. Analytical methods may include but are not limited to; x-ray diffraction, x-ray fluorescence, atomic absorption, ion chromatography, liquid chromatography, and crystalline silica analysis.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC emissions: UL/GreenGuard Gold Certified

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified? | Yes | No
---|---|---
PREPARER: | Self-Prepared |
VERIFIER: | |
VERIFICATION #: | |
SCREENING DATE: | 2018-07-30 |
PUBLISHED DATE: | 2018-08-24 |
EXPIRY DATE: | 2021-07-30 |

USG Sheetrock Brand Topping Joint Compound, Ready-Mixed
hpdrepository.hpd-collaborative.org
HPD v2.1 created via HPDC Builder Page 1 of 7
Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

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### USG SHEETROCK® BRAND TOPPING JOINT COMPOUND, READY-MIXED

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes

**RESIDUALS AND IMPURITIES NOTES:** Residuals/Impurities in raw materials that return a GreenScreen® score of BM-1, LT-1, LTP1 or NoGS are displayed in the HPD when greater than or equal to 1000 ppm. Naturally occurring raw materials in this product may contain trace amounts of respirable crystalline silica. The accumulative percentage of respirable crystalline silica is expected to exceed the threshold of 1000 ppm. See the SDS on usg.com for occupational exposure information.

**OTHER PRODUCT NOTES:** Manufactured at Chamblee, GA, Torrance, CA, Dallas, TX, Fort Dodge, IA, Phoenix, AZ, Port Reading, NJ, Auburn, WA, Gypsum, OH, Sigurd, UT, and East Chicago, IN.

#### LIMESTONE; CALCIUM CARBONATE

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>55.000 - 85.000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Functional filler</td>
</tr>
</tbody>
</table>

**HAZARDS:** None Found  
**AGENCY(IES) WITH WARNINGS:** No warnings found on HPD Priority lists

**SUBSTANCE NOTES:** Crystalline silica is an impurity found in limestone/calcium carbonate. See the impurity crystalline silica entry for more information. US EPA - Design for the Environment (DfE) Safer Chemical Ingredients List (SCIL) - Green Circle - Verified Low Concern.

#### WATER

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>22.0000 - 37.0000</td>
<td>BM-4</td>
<td>None</td>
<td>No</td>
<td>Solvent</td>
</tr>
</tbody>
</table>

**HAZARDS:** None Found  
**AGENCY(IES) WITH WARNINGS:** No warnings found on HPD Priority lists

**SUBSTANCE NOTES:** No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

#### ATTAPULGITE

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0000 - 3.0000</td>
<td>LT-1</td>
<td>None</td>
<td>No</td>
<td>Filler</td>
</tr>
</tbody>
</table>

**HAZARDS:**  
**AGENCY(IES) WITH WARNINGS:**

**CANCER**  
**IARC** Group 2b - Possibly carcinogenic to humans
<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>SUBSTANCE NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MICA</td>
<td>12001-26-2</td>
<td>0.5000 - 4.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Filler</td>
<td>None Found</td>
<td>No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.</td>
</tr>
<tr>
<td>POLYVINYL ACETATE (PVA)</td>
<td>9003-20-7</td>
<td>0.3000 - 3.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Binder</td>
<td>None Found</td>
<td>No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS. This raw material/chemical is not on the Living Building Challenge™ (LBC) Red List Chemical Guide (Version 3.1)</td>
</tr>
<tr>
<td>UNDISCLOSED</td>
<td></td>
<td>0.1000 - 0.5000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Binder</td>
<td>None Found</td>
<td>No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS. This raw material/chemical is not on the Living Building Challenge™ (LBC) Red List Chemical Guide (Version 3.1)</td>
</tr>
<tr>
<td>1,3,5-TRIAZINE-1,3,5(2H,4H,6H)-TRIETHANOL (9CI)</td>
<td>4719-04-4</td>
<td>0.1000 - 0.2000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Biocide</td>
<td>SKIN SENSITIZE EU - GHS (H-Statements)</td>
<td>H317 - May cause an allergic skin reaction</td>
</tr>
<tr>
<td>Substance</td>
<td>ID</td>
<td>%</td>
<td>GS</td>
<td>RC</td>
<td>NANO</td>
<td>ROLE</td>
<td>HAZARDS</td>
<td>Agency(Ies) With Warnings</td>
</tr>
<tr>
<td>-----------</td>
<td>----</td>
<td>---</td>
<td>----</td>
<td>----</td>
<td>------</td>
<td>------</td>
<td>---------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>UNDISCLOSED</td>
<td></td>
<td>0.0000 - 3.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Binder</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
</tr>
<tr>
<td>PERLITE</td>
<td>93763-70-3</td>
<td>0.0000 - 1.5000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Filler</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
</tr>
<tr>
<td>UNDISCLOSED</td>
<td></td>
<td>0.0000 - 0.1000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Binder</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
</tr>
<tr>
<td>QUARTZ</td>
<td>14808-60-7</td>
<td>Impurity/Residual</td>
<td>LT-1</td>
<td>None</td>
<td>No</td>
<td>Impurity/Residual</td>
<td>CANCER: US CDC - Occupational Carcinogens; Occupational Carcinogen; CANCER: CA EPA - Prop 65; Carcinogen - specific to chemical form or exposure route; CANCER: IARC; Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources</td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>US NIH - Report on Carcinogens</td>
<td>Known to be Human Carcinogen (respirable size - occupational setting)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>--------------------------------</td>
<td>---------------------------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 1 - Substances that cause cancer in man</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>New Zealand - GHS</td>
<td>6.7A - Known or presumed human carcinogens</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>Australia - GHS</td>
<td>H350 - May cause cancer</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>Japan - GHS</td>
<td>Carcinogenicity - Category 1A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>Australia - GHS</td>
<td>H350i - May cause cancer by inhalation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Respirable crystalline silica occurs as an impurity in naturally occurring raw materials. Exposures to respirable crystalline silica during the normal use of this product must be determined by workplace hygiene testing.
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.

<table>
<thead>
<tr>
<th>VOC EMISSIONS</th>
<th>UL/GreenGuard Gold Certified</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Third Party</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td><a href="https://spot.ul.com">https://spot.ul.com</a></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2015-07-27</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>UL Environment</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>VOC emissions testing according to the CDPH 01350 v1.1 2010 criteria.</td>
</tr>
</tbody>
</table>

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.

No accessories are required for this product.

Section 5: General Notes

Ingredient specific notes are included in Section 2.
MANUFACTURER INFORMATION

MANUFACTURER: USG
ADDRESS: 550 W Adams St
Chicago IL 60661, US
WEBSITE: usg.com

CONTACT NAME: USG Sustainability
TITLE: Sustainability Manager
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
MUL Multiple hazards
NEU Neurotoxicity
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)
NoGS 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 Terms
Inventory Methods:
Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
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 v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

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

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 standard noted.