

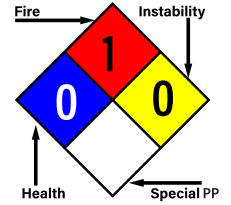
## SAFETY DATA SHEET

### TopShield® PS MAX HT 2.0 – P&S Synthetic Roof Underlayment

#### SECTION 1: Product and Company Identification

CONTINENTAL MATERIALS, INC.  
 1614 OLD YORK ROAD  
 ABINGTON, PA 19001  
 PHONE: 215-884-4930  
 FAX: 215-887-4485

TRADE NAME: SECUREGRIP PS/MAX – Synthetic Self Adhering Roof Underlayment  
 CHEMICAL FAMILY: Mixture  
 PRODUCT CODE: TS-Seam04-FB  
 PRODUCT USE: Metal Roof Flashing Product  
 CREATION DATE OF DATA SHEET: 7-31-19  
 REVISION DATE OF DATA SHEET: N/A



#### SECTION 2: Information on Ingredients

CHEMICAL NAME	COMMON NAME	CAS#	VOL. BY WEIGHT
POLYPROPYLENE	Non-woven and Woven Fabric	9003-07-0	40%
OLYETHYLENE	Extrusion Coatings	9002-88-4	<5%
CALCIUM CARBONATE	Calcium Carbonate	1317-65-3	<5%
UV STABILIZER	UV Resistance Additive 7	0624-18-9	<4%
ASPHALT, OXIDIZED	Asphalt	8052-42-4	>46%

#### SECTION 3: Health Hazard Data

**OVERVIEW:** All components listed for this product are bound with the product. When handled as intended and under normal conditions of use, the product listed in the SDS is not expected to pose a physical hazard or health risk to humans. This product does not contain any form of asbestos material.

**EXPOSURE TYPES:** Eye and skin contact and ingestion.

**POTENTIAL HEALTH EFFECTS:**

- Eyes:** Not expected under normal conditions of use. If material comes in contact with the eyes it may cause irritation.
- Skin:** Not expected under normal conditions of use. Repeated contact may cause skin irritation due to roughness of product.
- Inhalation:** Not expected under normal conditions of use.
- Ingestion:** Not intended to be ingested. If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.

#### SECTION 4: First Aid Measures

- Eye Contact:** If material comes in contact with eyes, immediately flush eyes with plenty of water for at least 20 minutes. Ensure adequate flushing of eyes by separating the eyelids with fingers. Get medical attention, if irritation or symptoms of overexposure continue.
- Skin Contact:** If there is minor contact with skin, use cool water over the affected area. If skin irritation continues, call a medical doctor.
- Inhalation:** If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention.
- Ingestion:** If product is ingested, do not induce vomiting. If vomiting occurs naturally, have the person lean forward to reduce the risk of aspiration. Seek immediate medical attention.

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#### SECTION 5: Fire and Explosion Hazard Info and Data

**FLAMMABILITY:** Non-flammable but will burn on prolonged exposure to flame or high temperature.  
**FLASH POINT:** N/A  
**AUTO-IGNITION TEMPERATURE:** N/A  
**EXTINGUISHING MEDIA:** Water spray, CO2, dry chemical or foam.  
**UNSUITABLE MEDIA:** No data available.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Fire fighters should wear self-contained breathing apparatus in confined or closed spaces.  
**UNUSUAL FIRE HAZARDS:** Molten propylene tends to drip or flow and proper protection is required. Firefighters should not enter confined spaces without proper NIOSH approved self-contained breathing equipment with full face mask and other appropriate protective equipment.  
**HAZARDOUS COMBUSTION BYPRODUCTS:** Carbon dioxide, carbon monoxide, and unidentified organic compounds. Combustion of material could release toxic fumes and smoke.  
**UNUSUAL EXPLOSION HAZARDS:** None known.

#### SECTION 6: Accidental Release Measures

**PERSONAL PRECAUTIONS:** N/A  
**ENVIRONMENTAL PRECAUTIONS:** No Data Available  
**CONTAINMENT METHODS:** Avoid discharge into drains, water courses or onto the ground.  
**CLEAN-UP MEASURES:** Pick up large pieces. Place in suitable container for disposal. Dispose of in accordance with Local, State, and Federal regulations

#### SECTION 7: Handling and Storage

**HANDLING:** When handling loose material, use personal protective equipment as mentioned in Section 8 of this SDS.  
**STORAGE:** Handle material in accordance with instructions on the product package or on ContinentalMaterials.com. Material should be kept clean, dry, and in original packaging. Keep this product away from heat, sparks and ignition sources, and open flames in accordance with applicable laws and regulations.  
**INCOMPATIBLE MATERIALS:** Not known.  
**WORK PRACTICES:** Always comply with OSHA and other safety standards and codes when working on a roof. Always use fall protection systems when working on roofs. Depending on conditions, material may be slippery when wet, dusty or covered with water, ice, dew, frost or snow. Do not walk on material that has not been securely fastened to the roof deck.

#### SECTION 8: Exposure Controls / Personal Protection

**ENGINEERING CONTROLS:** Not needed under normal conditions of use.  
**WORK HYGIENE PRACTICES:** Use good industrial hygiene practices when handling this material. Wash exposed skin and hands prior to eating, drinking, or smoking.



**PERSONAL PROTECTION:**

**EYES:** Safety glasses or goggles with side shields are recommended.  
**HANDS/SKIN/BODY:** Protective gloves are recommended when handling to protect against mechanical abrasion. Normal work clothing (long sleeved shirts, long pants, and non-skid boots with leather uppers are recommended for roof tear-off and application activity.  
**OTHER PROTECTIVE EQUIPMENT:** This should be provided as necessary to prevent irritation of the throat, eyes, and skin to maintain exposures below the allowable exposure limits identified in this section.

CHEMICAL NAME	COMMON NAME	CAS#	ACGIH TWA	OSHA PEL
POLYPROPYLENE	Non-woven and Woven Fabric	9003-07-0	10 mg/m3	15 mg/m3
OLYETHYLENE	Extrusion Coatings	9002-88-4	10 mg/m3	15 mg/m3
CALCIUM CARBONATE	Calcium Carbonate	1317-65-3	N/Ap.	N/Ap.
UV STABILIZER	UV Resistance Additive 7	0624-18-9	N/Ap.	N/Ap.
ASPHALT, OXIDIZED	Asphalt	8052-42-4	5 mg/m3	15 mg/m3

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#### SECTION 9: Physical and Chemical Properties

**PHYSICAL FORM:** Solid

**APPEARANCE/ODOR:** Sheet in roll form / light plastic and petroleum odor

<b>COLOR:</b>	Various	<b>SOLUBILITY IN WATER:</b>	Insoluable
<b>BOILING POINT:</b>	N/Ap.	<b>VAPOR PRESSURE:</b>	N/Ap.
<b>MELTING POINT:</b>	>235	<b>VAPOR DENSITY:</b>	N/Ap.
<b>SPECIFIC GRAVITY/</b>	N/Ap.	<b>EVAPORATION RATE:</b>	N/Ap.
<b>SOLUBILITY IN WATER:</b>	Insoluable	<b>PH:</b>	N/Ap.

#### SECTION 10: Reactivity Data

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Keep product away from heat, sparks, ignition sources, and open flames in accordance with applicable laws and regulations.

**HAZARDOUS POLYMERIZATION:** Does not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide and unidentified organic compounds during heating or burning.

#### SECTION 11: Toxicological Information

**ACCUTE AFFECTS:** Repeated contact may cause skin irritation due to roughness of product. If material comes in contact with eyes, it may cause irritation. If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.

#### SECTION 12: Ecological Information

**ENVIRONMENTAL:** These products are insoluble and inert. No adverse effects on the environment are expected, however, do not discard product in waterways.

#### SECTION 13: Disposal Considerations

**GENERAL PRODUCT INFORMATION** This material as supplied is not expected to be a characteristic hazardous waste when it is disposed of in accordance with U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) guidelines.

**WASTE DISPOSAL** Dispose of in accordance with all Local, State and Federal regulations.

#### SECTION 14: Transport Information

**D.O.T. - UNITED STATES - DEPARTMENT OF TRANSPORTATION: Shipping Name:** Not Regulated as hazardous material.

#### SECTION 15: Regulatory Information

**SARA Hazard Category 311/312** Non-hazardous article

**EPA SARA 313** The products are articles and not subject to reporting

**CERCLA Hazardous Substances (Section 103) / RQ** These products are articles and not subject to reporting. Many states have more stringent release reporting requirements. Report spills required under federal, state, and local regulations

**California Proposition 65** The following statement is based on the requirement of California's Proposition 65 (1986): This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

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### TopShield<sup>®</sup> PS MAX HT 2.0 – P&S Synthetic Roof Underlayment

#### SECTION 16: Other Information

DATE OF PREPARATION: 7/ 31/ 2019

SDS REVISION DATE: N/A

REVISION SUMMARY: New SDS

**DISCLAIMER:** Reasonable care has been used in the preparation of this MSDS information, but the manufacturer and supplier make no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. Final determination of suitability of any material is the sole responsibility of the user. The manufacturer and supplier make no representations and assume no liability for any direct, incidental or consequential damages resulting from its use.

HMIS HEALTH HAZARD: 0

HMIS FIRE HAZARD: 1

HMIS REACTIVITY: 0

HMIS PERSONAL PROTECTION: X

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