

Section 1 - Product and Company Identification

Material Name	- TopShield Seam and Repair Tape – Black 12"x50'
Chemical Category	- Article
Product Code	- TS-Seam12-BK
Product Use	- Metal Roof Flashing Product
Distributor	- APOC 4161 E. 7th Avenue Tampa, FL 33605 United States
Telephone	
Technical	- 813-248-2101
<u>Emergency</u>	- 800-424-9300
Last Revision Date	- 1/11/2018

Section 2 - Hazards Identification

Signal Word – None

GHS Hazards and Precautions

The mixture does not meet the criteria for classification.

Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage/Disposal	Store away from incompatible materials. Dispose of waste and residues in accordance with local authority requirements.

GHS Hazard Symbol – Not Required

Physical Form	- Solid Tape
Color	- Multiple
Odor	- Not Identified
Flash Point	- 428°F(220°C)
OSHA(HCS2012)	- Not classified.
WHMIS	- Not classified.
GHS	- Not classified.
Route Of Entry	- Inhalation, Skin, Eye, Ingestion/Oral
Medical Conditions Aggravated by Exposure	- Not Classified

Potential Health Effects

Inhalation

- Acute (Immediate) - Expected to be a low ingestion hazard.
- Chronic (Delayed) - Not Classified

Skin

- Acute (Immediate) - No adverse effects due to skin contact are expected.
- Chronic (Delayed) - This product is not expected to cause skin sensitization.

Eye

- Acute (Immediate) - Direct contact with eyes may cause temporary irritation.

- Chronic (Delayed) Ingestion** - Not Classified
- Acute (Immediate)** - Not Classified
- Chronic (Delayed)** - No data available
- Carcinogenic Effects** - This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Section 3 - Composition/Information on Ingredients

Components						
Chemical Name	CAS	%(wt)	UN;EINECS	LD50/LC50	Classifications According to Regulation/Directive	Other
Talc (Powder)	14807-96-6	10- <20%				NDA
Other components below reportable levels	1332-58-7	10- <90%				NDA

This product is an encapsulated mixture which reduces the likelihood of exposure particulates.

See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

- Inhalation** - Move to fresh air. Call a physician if symptoms develop or persist.
- Skin** - Wash off with soap and water. Get medical attention if irritation develops and persists.
- Eye** - Rinse with water. Get medical attention if irritation develops and persists.
- Ingestion** - Rinse mouth. Get medical attention if symptoms occur.
- Other Information** - Direct contact with eyes may cause temporary irritation. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

See Section 2 for Potential Health Effects.

Section 5 - Fire Fighting Measures

- Extinguishing Media** - Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
- Unsuitable Extinguishing Media** - Do not use water jet as an extinguisher, as this will spread the fire.
- Firefighting Procedures** - Use water spray to cool unopened containers. Use standard firefighting procedures and consider the hazards of other involved materials.
- Unusual Fire and Explosion Hazards** - No unusual fire or explosion hazards noted.
- Hazardous Combustion Products** - During fire, gases hazardous to health may be formed.
- Protection of Firefighters** - Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
- Flash Point** -

Section 6 - Accidental Release Measures

- Personal Precautions** - Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
- Emergency Procedures** - Keep unnecessary personnel away.
- Environmental Precautions** - Avoid discharge into drains, water courses or onto the ground.

- Containment/Clean-up Measures** - No Information Available
- Prohibited Materials** - None listed

Section 7 - Handling and Storage

- Handling** - Avoid prolonged exposure. Observe good industrial hygiene practices.
- Storage** - Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).
- Incompatible Materials or Ignition Sources** - No Listing

Section 8 - Exposure Controls/Personal Protection

Personal Protective Equipment

Pictograms



- Respiratory** - In case of insufficient ventilation, wear suitable respiratory equipment.
- Eye/Face** - Wear safety glasses with side shields (or goggles).
- Hands** - Wear appropriate chemical resistant gloves.
- Skin/Body** - Wear suitable protective clothing.
- General Industrial Hygiene Considerations** - 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.
- Engineering Measures/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.
- Exposure Limits/Guidelines** - Refer to listed exposure limits in state information of this section.

Exposure Limits/Guidelines

	Result	ACGIH	NIOSH	OSHA
Talc (powder) CAS-14807-96-6	TWAs	2 mg/m3 TWA (respirable fraction)	2 mg/m3 TWA (respirable fraction)	0.3 mg/m3 Total Dust 0.1 mg/m3 Respirable 20 mppcf 2.4 mppcf Respirable

Section 9 - Physical and Chemical Properties

- Physical Form** - Solid Rolls or Sheets
- Appearance/Description** - Various film colors, gray adhesive

Color: Various film colors, gray adhesive	Odor: Slight
Taste: No data available.	Odor Threshold: NDA
Boiling Point: NDA	Vapor Pressure: NDA
Melting Point: NDA	Vapor Density: NDA
Specific Gravity/Relative Density: 1.04 estimated	Evaporation Rate: NDA
Auto-Ignition Temperature >842 F (>450 C)	VOC (Wt.): NDA
Bulk Density: NDA	VOC (Vol.): NDA

Solvent Solubility:	NDA	Flash Point:	428°F(220°C)
Viscosity:	NDA	Flash Point Test Type:	NDA

Section 10 - Stability and Reactivity

Stability	- Material is stable under normal conditions.
Hazardous Polymerization	- Hazardous polymerization not indicated.
Conditions to Avoid	- Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible Materials	- Strong oxidizing agents.
Hazardous Decomposition Products	- No hazardous decomposition products are known.

Section 11 - Toxicological Information

Component Name	Concentration	CAS	Data
Talc (powder)	10-<20%	14807-96-6	

IARC Monographs. Overall Evaluation of Carcinogenicity	- 2B Possibly carcinogenic to humans.
Other Information	- 3 Not classifiable as to carcinogenicity to humans.
Reproductive toxicity	- (Talc) Prolonged skin contact may cause temporary irritation.
Specific target organ toxicity - single exposure	- This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - repeated exposure	- Not classified.
Aspiration hazard	- Not available.
Chronic effects	- Prolonged inhalation may be harmful.

Section 12 - Ecological Information

Ecological Fate	- 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/Degradability	- No data is available on the degradability of this product.
Bioaccumulation 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.

Section 13 - Disposal Considerations

Product	- Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations. The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Packaging	- Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 - Transportation Information

DOT - United States - Department of Transportation:
Shipping Name: Not Regulated as Dangerous Goods

IATA – International Air Transport Association:
Shipping Name: Not Regulated as Dangerous Goods

IMO/IMDG –International Maritime Transport:
Shipping Name: Not Regulated as Dangerous Goods

Section 15 - Regulatory Information

SARA Hazard Classifications	- Not Classified
Risk & Safety Phrases	- All components are on the U.S. EPA TSCA Inventory List. This product is not known to be 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)	- Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4)	- Not regulated.
SARA 304 Emergency release notification	- Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	- Not regulated.
SARA 302 Extremely hazardous substance	- Not listed.
SARA 311/312 Hazardous	- No
SARA 313 (TRI reporting)	- Not regulated.
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	- Not regulated.
US. California Proposition 65	- Titanium Dioxide is listed due to its respirable nature in powder form. As supplied and applied the titanium dioxide is bound within the product matrix and is not expected to be in a respirable form. WARNING: This product contains a chemical known to the State of California to cause cancer.

State Right To Know

Component	CAS	MA	MN	NJ	PA
Talc (powder)	14807-96-6	Yes	N/A	Yes	Yes

Section 16 - Other Information

Last Revision Date	- 1/11/2018
Prepared By	- GG Inc.
Disclaimer/Statement of Liability	- This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to verify the suitability and completeness of such information for particular use. APOC does not accept liability for any loss or damage that may occur from the use of this information.