

## SAFETY DATA SHEET

### TopShield®PRO APP-G CR White

#### SECTION 1: Product and Company Identification

##### PRODUCT IDENTIFIER

TRADE NAME: TopShield®PRO APP-G CR White  
PRODUCT CODE: TOP672298

##### RECOMMENDED USE AND RESTRICTION ON USE

RECOMMENDED USE: Asphalt material used for weatherproofing  
RESTRICTIONS ON USE: Contact manufacturer

##### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

##### MANUFACTURER/SUPPLIER:

CertainTeed Corporation  
20 Moores Road  
Malvern, PA 19355  
610-893-6000

##### EMERGENCY TELEPHONE NUMBER:

CHEMTREC  
1-800-424-9300 (US/Canada)  
+01 703-527-3887 (International)

#### SECTION 2: Hazards Identification

##### EMERGENCY OVERVIEW:

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

##### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE



The product is not classified as hazardous according to the Globally Harmonized System (GHS).

##### LABEL ELEMENTS

GHS LABEL ELEMENTS: Not regulated.  
HAZARD PICTOGRAMS: Not regulated.  
SIGNAL WORD: Not regulated.  
HAZARD STATEMENTS: Not regulated.  
PRECAUTIONARY STATEMENTS: Not regulated.  
OTHER HAZARDS: There are no other hazards not otherwise classified that have been identified..

#### SECTION 3: Composition/Information on Ingredients

##### CHEMICAL CHARACTERIZATION: Mixtures

CAS#	COMMON NAME		%
8052-42-4	Asphalt Flux	 Carc. 2, H351	30-50%
64742-93-4	Coating Asphalt	 Carc. 1A, H350; STOT RE 1, H372	10-50%

##### ADDITIONAL INFORMATION:

Non-classification as a carcinogen is based on non-respirable form of product.  
For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.  
For the wording of the listed Hazard Statements refer to section 16.

#### SECTION 4: First Aid Measures

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**After Inhalation:** Respiration of particulates is unlikely during normal usage. Supply fresh air; consult doctor in case of complaints.

**After Skin Contact:** Brush off loose particles from skin. Wash with soap and water. If skin irritation is experienced, consult a doctor.

**After Eye Contact:** Unlikely route of exposure. Remove contact lenses if worn, if possible. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After Swallowing:** Unlikely route of exposure. Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:** No relevant information available.

**INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:** No relevant information available.

### SECTION 5: Fire Fighting Measures

**EXTINGUISHING MEDIA:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray.

**FOR SAFETY REASONS UNSUITABLE EXTINGUISHING AGENTS:** No data available.

**SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:** Formation of toxic gases is possible during heating or in case of fire.

**ADVICE FOR FIREFIGHTERS**

**PROTECTIVE EQUIPMENT:** Wear self-contained respiratory protective device. Wear fully protective suit.

### SECTION 6: Accidental Release Measures

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** Ensure adequate ventilation.

**ENVIRONMENTAL PRECAUTIONS:** Avoid release to the environment.

**METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:** Pick up mechanically. Send for recovery or disposal in suitable receptacles.

**REFERENCE TO OTHER SECTIONS:** See Section 7 for information on safe handling.

### SECTION 7: Handling and Storage

#### HANDLING

**PRECAUTIONS FOR SAFE HANDLING:** Use only in well ventilated areas.

**INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES:** Keep respiratory protective device available.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

#### STORAGE

**REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPTACLES:** Storage area should be dry and well-ventilated.

**INFORMATION ABOUT STORAGE IN ONE COMMON STORAGE FACILITY:** Store away from foodstuffs.

**SPECIFIC END USE(S):** No relevant information available.

### SECTION 8: Exposure Controls / Personal Protection

#### CONTROL PARAMETERS

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:	
8052-42-4 ASPHALT	
REL (USA)	Ceiling limit value: 5* mg/m <sup>3</sup> *15-min; See Pocket Guide App. A
TLV (USA)	Long-term value: 0.5* mg/m <sup>3</sup> *inh. fraction; as benzene-soluble aerosol; BEIp
EL (Canada)	Long-term value: 0.5 mg/m <sup>3</sup> inhalable, IARC 2B
EV (Canada)	Long-term value: 0.5 mg/m <sup>3</sup> fume, as benzene-soluble aerosol, inhalable

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LMPE (Mexico)	Long-term value: 0.5* mg/m <sup>3</sup> A4, IBEP; *fracción inhalable
<b>14808-60-7 QUARTZ</b>	
PEL (USA)	see Quartz listing
REL (USA)	Long-term value: 0.05* mg/m <sup>3</sup> *respirable dust; See Pocket Guide App. A
TLV (USA)	Long-term value: 0.025* mg/m <sup>3</sup> *as respirable fraction
EL (Canada)	Long-term value: 0.025 mg/m <sup>3</sup> ACGIH A2; IARC 1
EV (Canada)	Long-term value: 0.10* mg/m <sup>3</sup> *respirable fraction
LMPE (Mexico)	Long-term value: 0.025* mg/m <sup>3</sup> A2, *fracción respirable
<b>INGREDIENTS WITH BIOLOGICAL LIMIT VALUES:</b>	
<b>8052-42-4 ASPHALT</b>	
BEI (USA)	Medium: urine Time: end of shift at end of workweek Parameter: 1-Hydroxypyrene with hydrolysis (nonquantitative)

#### EXPOSURE CONTROLS

##### PERSONAL PROTECTIVE EQUIPMENT:



##### GENERAL PROTECTIVE AND HYGIENIC MEASURES:

- The usual precautionary measures for handling chemicals should be followed.
- Keep away from foodstuffs, beverages and feed.
- Wash hands before breaks and at the end of work.
- Avoid close or long term contact with the skin.
- Avoid contact with the eyes.

**ENGINEERING CONTROLS:** No relevant information available.

##### BREATHING EQUIPMENT:

- Not required under normal conditions of use.
- Use respiratory protection when grinding or cutting material.

##### PROTECTION OF HANDS:

- Protective gloves
- The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

##### EYE PROTECTION:

- Safety glasses

**BODY PROTECTION:** Protective work clothing

##### LIMITATION AND SUPERVISION OF EXPOSURE INTO THE ENVIRONMENT

- Avoid release to the environment.

**RISK MANAGEMENT MEASURES** See Section 7 for additional information.

## SECTION 9: Physical and Chemical Properties

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#### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

##### APPEARANCE/DESCRIPTION:

PHYSICAL FORM	Solid Material
COLOR	Black
APPEARANCE	Sheet in roll form
ODOR	Petroleum-like
ODOR THRESHOLD	Not determined
PH-VALUE:	Not applicable
MELTING POINT/MELTING RANGE:	Not applicable
BOILING POINT/BOILING RANGE:	Not applicable
FLASH POINT:	Not applicable
FLAMMABILITY (SOLID, GASEOUS):	Not determined
AUTO-IGNITION TEMPERATURE:	Not determined
DECOMPOSITION TEMPERATURE:	Not determined
DANGER OF EXPLOSION:	Product does not present an explosion hazard
<b>EXPLOSION LIMITS</b>	
LOWER:	Not determined
UPPER:	Not determined
OXIDIZING PROPERTIES:	Not determined
VAPOR PRESSURE:	Not determined
<b>DENSITY</b>	
RELATIVE DENSITY:	Not determined
VAPOR DENSITY:	Not applicable
EVAPORATION RATE:	Not applicable
SOLUBILITY IN / MISCIBILITY WITH WATER:	Insoluble
PARTITION COEFFICIENT (N-OCTANOL/WATER):	Not determined
<b>VISCOSITY</b>	
DYNAMIC:	Not applicable
KINEMATIC:	Not applicable
OTHER INFORMATION	No relevant information available

#### SECTION 10: Stability and Reactivity

**REACTIVITY:** No relevant information available.

**CHEMICAL STABILITY:** Stable under normal temperatures and pressures.

**THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED:** No decomposition if used and stored according to specifications.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Reacts with strong oxidizing agents. Reacts with strong acids and alkali.

**CONDITIONS TO AVOID:** Store away from oxidizing agents.

**INCOMPATIBLE MATERIALS:** Oxidizers, strong bases, strong acids

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and carbon dioxide

#### SECTION 11: Toxicological Information

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#### INFORMATION ON TOXICOLOGICAL EFFECTS

**ACUTE TOXICITY:**

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION: None.

**PRIMARY IRRITANT EFFECT:**

**ON THE SKIN:** Based on available data, the classification criteria are not met.

**ON THE EYE:** Based on available data, the classification criteria are not met.

**SENSITIZATION:** Based on available data, the classification criteria are not met.

IARC (International Agency for Research on Cancer):		
14808-60-7	Quartz	1
8052-42-4	Asphalt	2B
NTP (National Toxicology Program):		
14808-60-7	Quartz	K
OSHA-Ca (Occupational Safety & Health Administration):		
None of the ingredients are listed		

**PROBABLE ROUTE(S) OF EXPOSURE:** Skin contact.

**CMR EFFECTS** (carcinogenicity, mutagenicity and toxicity for reproduction)

**GERM CELL MUTAGENICITY:** Based on available data, the classification criteria are not met.

**CARCINOGENICITY:** Contains known or suspect carcinogens when inhaled. Product is in non-inhalable form and is nonclassifiable as a carcinogen.

**REPRODUCTIVE TOXICITY:** Based on available data, the classification criteria are not met.

**STOT-SINGLE EXPOSURE:** Based on available data, the classification criteria are not met.

**STOT-REPEATED EXPOSURE:** Based on available data, the classification criteria are not met.

**ASPIRATION HAZARD:** Based on available data, the classification criteria are not met.

#### SECTION 12: Ecological Information

TOXICITY	No data available for this product
AQUATIC TOXICITY	No relevant information available.
PERSISTENCE AND DEGRADABILITY	No relevant information available.
BIOACCUMULATIVE POTENTIAL	No relevant information available.
MOBILITY IN SOIL	No relevant information available.
ADDITIONAL ECOLOGICAL INFORMATION	
GENERAL NOTES	Avoid release to the environment.
RESULTS OF PBT AND VPVB ASSESSMENT	
PBT	Not applicable.
VPVB	Not applicable.
OTHER ADVERSE EFFECTS	No relevant information available.

#### SECTION 13: Disposal Considerations

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<b>WASTE TREATMENT METHODS</b> · <b>RECOMMENDATION:</b>	Smaller quantities can be disposed of with household waste. Contact waste processors for recycling information. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
<b>UNCLEANED PACKAGINGS</b> · <b>RECOMMENDATION:</b>	Disposal must be made according to official regulations.

#### SECTION 14: Transport Information

UN Number DOT, ADR, IMDG, IATA	Not regulated
UN Proper Shipping Name DOT, ADR, IMDG, IATA	Not regulated
Transport hazard class(es) DOT, ADR, IMDG, IATA	Not regulated
Packing Group DOT, ADR, IMDG, IATA	Not regulated
Environmental Hazards	Not applicable
Special Precautions for User	Not applicable
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable

#### SECTION 15: Regulatory Information

##### SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

###### SARA

<b>Section 302</b> (Extremely hazardous substances)	None of the ingredients are listed
<b>Section 355</b> (Extremely hazardous substances)	None of the ingredients are listed
<b>Section 313</b> (Specific toxic chemical listings)	None of the ingredients are listed

<b>TSCA</b> (Toxic Substances Control Act)	Some ingredients listed
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###### Proposition 65 (California)

Chemicals known to cause cancer:	8052-42-4 Asphalt / 14808-60-7 Quartz
Chemicals known to cause reproductive toxicity for females:	None of the ingredients are listed
Chemicals known to cause reproductive toxicity for males:	None of the ingredients are listed
Chemicals known to cause developmental toxicity:	None of the ingredients are listed

###### CARCINOGENIC CATEGORIES

EPA (Environmental Protection Agency):	None of the ingredients are listed
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IARC (International Agency for Research on Cancer):	8052-42-4 Asphalt (2b) / 14808-60-7 Quartz (1)
NIOSH-Ca (National Institute for Occupational Safety and Health):	8052-42-4 Asphalt / 14808-60-7 Quartz
Canadian Domestic Substances List (DSL):	Some ingredients listed.
Chemical Safety Assessment:	A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other Information

**PREPARATION DATE/LAST REVISION DATE:** 07/11/2016

### ABBREVIATIONS AND ACRONYMS:

**ADR:** European Agreement concerning the International Carriage of Dangerous Goods by Road

**IMDG:** International Maritime Code for Dangerous Goods

**DOT:** US Department of Transportation

**IATA:** International Air Transport Association

**CAS:** Chemical Abstracts Service (division of the American Chemical Society)

**LC50:** Lethal concentration, 50 percent

**LD50:** Lethal dose, 50 percent

**PBT:** Persistent, Bioaccumulative and Toxic

**vPvB:** very Persistent and very Bioaccumulative

**NIOSH:** National Institute for Occupational Safety

**OSHA:** Occupational Safety & Health

**LDLo:** Lowest Lethal Dose Observed

**Carc. 1A:** Carcinogenicity – Category 1A

**Carc. 2:** Carcinogenicity – Category 2

**STOT RE 1:** Specific target organ toxicity (repeated exposure) – Category 1

### SOURCES

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

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