

Safety Data Sheet

Firestone Building Products Company

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name • QuickSeam™ Splice Tape

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s) • Construction: sealing compound

1.3 Details of the supplier of the safety data sheet

Manufacturer • Firestone Building Products Company
250 West 96th Street
Indianapolis, IN 46260
United States

firestonemsds@bfdp.com

Telephone (General) • 800-428-4442

1.4 Emergency telephone number

Manufacturer • (800) 424-9300 - CHEMTREC

Manufacturer • (703) 527-3887 - CHEMTREC - International

Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

2.1 Classification of the substance or mixture

CLP • Not classified

2.2 Label Elements

CLP
Hazard statements • No label element(s) required

2.3 Other Hazards

CLP • This product is an article with an integral substance.
The integral substance is not expected to be released to the environment.
According to Regulation (EC) No. 1272/2008 (CLP) this material is not considered hazardous.

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012 • Not classified

2.2 Label elements

OSHA HCS 2012

Hazard statements • No label element(s) required

2.3 Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard) this product is exempt as an article under stated normal conditions of use.

Canada

According to: WHMIS

2.1 Classification of the substance or mixture

WHMIS

- Not classified

2.2 Label elements

WHMIS

- No label element(s) required

2.3 Other hazards

WHMIS

- Under Canadian regulations (Workplace Hazardous Materials Information System (WHMIS) - Hazardous Products Act (HPA), Section 11(1)), these product(s) are exempt and considered manufactured article(s) under stated normal conditions of use.

2.4 Other information

- This material, as an article, does not legally require an SDS.

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance.

3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Phenol, p-(1,1,3,3-tetramethylbutyl)-	CAS:140-66-9 EU Index:604-075-00-6 EINECS:205-426-2	0.29% TO 0.4%	Ingestion/Oral-Rat LD50 • 4600 mg/kg Skin-Rabbit LD50 • 1880 mg/kg	EU CLP: Annex VI, Table 3.1: Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 (M=10) OSHA HCS 2012: Acute Tox. 4 (Skn); Eye Irrit. 2; Skin Irrit. 2	NDA

See Section 16 for full text of H-statements.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, move person to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Wash skin with soap and water. If signs/symptoms develop,

- get medical attention.
- Eye**
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If contact with material occurs flush eyes with water. If signs/symptoms develop, get medical attention.
- Ingestion**
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to Physician**
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media

- Suitable Extinguishing Media**
- Water, foam, dry chemical, carbon dioxide (CO₂).

- Unsuitable Extinguishing Media**
- None known.

5.2 Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- Does not present any special fire or explosive hazards.

- Hazardous Combustion Products**
- Upon reaching temperatures of combustion, produces corrosive and/or toxic fumes.

5.3 Advice for firefighters

- Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Structural firefighters' protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions**
- No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.
- Emergency Procedures**
- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended. Use normal clean up procedures.

6.2 Environmental precautions

- No special precautions necessary.

6.3 Methods and material for containment and cleaning up

- Containment/Clean-up Measures**
- Pick up pieces and place in container or bag for disposal.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

- Handling**
- Use good safety and industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Store in a cool, dry, well-ventilated place.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines		
	Result	Germany DFG
Phenol, p-(1,1,3,3-tetramethylbutyl)- (140-66-9)	Ceilings	0.5 ppm Peak (can occur as vapor and aerosol at the same time); 4.3 mg/m ³ Peak (can occur as vapor and aerosol at the same time)
	MAKs	0.5 ppm TWA MAK (can occur as vapor and aerosol at the same time); 4.3 mg/m ³ TWA MAK (can occur as vapor and aerosol at the same time)

8.2 Exposure controls

Engineering

- Under normal conditions of use, special ventilation is not required.

Measures/Controls

Personal Protective Equipment

Respiratory

- No respiratory protection is required under normal conditions of use.

Eye/Face

- Under normal conditions of use, eye protection is not required.

Skin/Body

- No skin protection is ordinarily required under normal conditions of use.

Environmental Exposure Controls

- Follow best practice for site management and disposal of waste.

Key to abbreviations

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Black tape with release paper. No odor.
Color	Black	Odor	None
Odor Threshold	Data lacking		
General Properties			
Boiling Point	Data lacking	Melting Point/Freezing Point	Data lacking
Decomposition Temperature	Data lacking	pH	Data lacking
Specific Gravity/Relative Density	= 0.97 Water=1	Water Solubility	Negligible < 0.1 %
Viscosity	Data lacking	Explosive Properties	Not relevant.
Oxidizing Properties:	Not relevant.		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking	Volatiles (Vol.)	0.7 %
Flammability			
Flash Point	Not relevant	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking

Flammability (solid, gas)	Not flammable.		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Avoid flames, sparks, or other sources of ignition.

10.5 Incompatible materials

- No data available.

10.6 Hazardous decomposition products

- Thermal decomposition could produce CO, CO₂, and sulfur oxides and oxides of nitrogen.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Other Material Information • This material is an article that does not release or otherwise result in exposure to a hazardous chemical under normal use. The information provided below is for components only and is not expected to be applicable to the material as a whole.

Components	
Phenol, p-(1,1,3,3-tetramethylbutyl)- (0.29% TO 0.4%)	140-66-9 Acute Toxicity: Ingestion/Oral-Rat LD50 • 4600 mg/kg; Behavioral:Somnolence (general depressed activity); Lungs, Thorax, or Respiration:Other changes; Liver:Other changes; Skin-Rabbit LD50 • 1880 mg/kg; Irritation: Eye-Rabbit • 50 µg 24 Hour(s) • Severe irritation; Skin-Rabbit • 20 mg 24 Hour(s) • Moderate irritation; Reproductive: Ingestion/Oral-Mouse TDLo • 14000 ng/kg (11-17D preg); Reproductive Effects:Specific Developmental Abnormalities:Urogenital system; Ingestion/Oral-Mouse TDLo • 2.4 mg/kg (10-21D preg/12D post); Reproductive Effects:Specific Developmental Abnormalities:Musculoskeletal system; Reproductive Effects:Effects on Newborn:Biochemical and metabolic; Reproductive Effects:Effects on Newborn:Physical; Ingestion/Oral-Rat TDLo • 250.4 mg/kg (0-8D preg); Reproductive Effects:Effects on Embryo or Fetus:Fetal death

GHS Properties	Classification
Acute toxicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met

Skin sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
STOT-SE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
STOT-RE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met

Potential Health Effects

Inhalation

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • Under normal conditions of use, no health effects are expected.

Skin

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • Under normal conditions of use, no health effects are expected.

Eye

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • Under normal conditions of use, no health effects are expected.

Ingestion

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • Under normal conditions of use, no health effects are expected.

Key to abbreviations

LD = Lethal Dose

TD = Toxic Dose

Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been carried out.

12.6 Other adverse effects

- Material data lacking.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA
TDG	NDA	Not Regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA
ADN	NDA	Not Regulated	NDA	NDA	NDA
ADR/RID	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

14.6 Special precautions for user

- None specified.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Data lacking.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications

- None

State Right To Know

Component	CAS	MA	NJ	PA
Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	No	No	No

Inventory

Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Yes	No	Yes	No	Yes

Belgium

Labor		
Belgium - Substances and Preparations - Carcinogens and Mutagens		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed

Canada

Labor		
Canada - WHMIS - Classifications of Substances		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Uncontrolled product according to WHMIS classification criteria
Canada - WHMIS - Ingredient Disclosure List		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed

Environment		
Canada - CEPA - Priority Substances List		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed

Denmark

Environment		
Denmark - List of Undesirable Substances - Product Groups/Function		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed

Europe

Other		
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Xi; R38-41 N; R50-53
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	2.5%≤C: N; R:50-53 0.25% ≤C<2.5%: N; R:51-53 0.025% ≤C<0.25%: R:52-53
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Xi N R:38-41-50/53 S:(2)-26-37/39-60-61
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	S:(2)-26-37/39-60-61

Germany

Labor		
Germany - Immission Control - Qualifying Quantities for Major Accident Prevention		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
Germany - Immission Control - Qualifying Quantities for Safety Reporting		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
Germany - TRGS 505 - Specific Lead Regulations		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed

Germany - TRGS 511 - Specific Ammonium Nitrate Regulations

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
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Environment**Germany - TA Luft - Types and Classes**

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
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Germany - TA Luft - Emission Limits for Carcinogenic Substances

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
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Germany - TA Luft - Emission Limits for Fibers

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
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Germany - TA Luft - Emission Limits for Inorganic Dusts

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
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Germany - TA Luft - Emission Limits for Inorganic Gases

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
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Germany - TA Luft - Emission Limits for Organic Substances

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
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Germany - Water Classification (VwVwS) - Annex 1

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
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Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	ID Number 1663, hazard class 2 - hazard to waters
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Germany - Water Classification (VwVwS) - Annex 3

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	ID Number 1663, hazard class 3 - severe hazard to waters
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United States**Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
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U.S. - OSHA - Specifically Regulated Chemicals

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
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Environment**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
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U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
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U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
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U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
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U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
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U.S. - CERCLA/SARA - Section 313 - Emission Reporting		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
U.S. - California - Proposition 65 - Developmental Toxicity		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Female		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Male		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed
U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances		
• Phenol, p-(1,1,3,3-tetramethylbutyl)-	140-66-9	Not Listed

15.2 Chemical Safety Assessment

- Chemical Safety Assessment is not required.

15.3 Other Information

- WARNING: This product contains a chemical known to the State of California to cause cancer.

Section 16 - Other Information

Relevant Phrases (code & full text)

- H315 - Causes skin irritation
- H318 - Causes serious eye damage
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects

Revision Date

- 25/February/2016

Preparation Date

- 25/February/2016

Disclaimer/Statement of Liability

- The information contained herein is based on data considered accurate which has been obtained from other companies and organizations. However, no warranty or representation is expressed or implied that the information, is accurate, complete or

representative. Firestone Building Products Company, LLC assumes no responsibility for injury to the buyer, the buyer's employees, or any third persons, if reasonable safety procedures are not followed. Additionally, Firestone Building Products Company assumes no responsibility for injury to buyer, the buyer's employees, or any third persons caused by abnormal use of this material, even if reasonable safety procedures are followed.

Key to abbreviations

NDA = No Data Available