

Safety Data Sheet

GenTite RRS

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

1.1 Product identifier

Product Name • All Purpose Primer II LVOC

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

Relevant identified use(s) • Construction

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

Telephone (General) • gentitemsds@bfdp.com
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]
According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP

- Flammable Liquids 2 - H225
- Aspiration 1 - H304
- Skin Irritation 2 - H315
- Eye Irritation 2 - H319
- Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336
- EUH066

DSD/DPD

- Highly Flammable (F)
- Irritant (Xi)
- Harmful (Xn)
- R11, R36/38, R65, R66, R67

2.2 Label Elements

CLP

DANGER

- Hazard statements**
- H225 - Highly flammable liquid and vapour
 - H304 - May be fatal if swallowed and enters airways
 - H315 - Causes skin irritation
 - H319 - Causes serious eye irritation
 - H336 - May cause drowsiness or dizziness
 - EUH066 - Repeated exposure may cause skin dryness or cracking.

Precautionary statements

- Prevention**
- P210 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
 - P233 - Keep container tightly closed.
 - P240 - Ground and/or bond container and receiving equipment.
 - P241 - Use explosion-proof electrical/ventilating/lighting/equipment.
 - P242 - Use only non-sparking tools.
 - P261 - Avoid breathing mist/vapours/spray.
 - P264 - Wash thoroughly after handling.
 - P243 - Take precautionary measures against static discharge.
 - P271 - Use only outdoors or in a well-ventilated area.
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- Response**
- P370+P378 - In case of fire: Use appropriate media for extinction.
 - P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
 - P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 - P362 - Take off contaminated clothing and wash before reuse.
 - P332+P313 - If skin irritation occurs: Get medical advice/attention.
 - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P337+P313 - If eye irritation persists: Get medical advice/attention.
 - P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 - P331 - Do NOT induce vomiting.
- Storage/Disposal**
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
 - P235 - Keep cool.
 - P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD



- Risk phrases**
- R11 - Highly flammable.
 - R36/38 - Irritating to eyes and skin.
 - R65 - Harmful: may cause lung damage if swallowed.
 - R66 - Repeated exposure may cause skin dryness or cracking.
 - R67 - Vapours may cause drowsiness and dizziness.
- Safety phrases**
- S9 - Keep container in a well ventilated place
 - S16 - Keep away from sources of ignition - No Smoking.
 - S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

2.3 Other Hazards

- CLP**
- According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.
- DSD/DPD**
- According to European Directive 1999/45/EC this material is considered dangerous.

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

- OSHA HCS 2012**
- Flammable Liquids 2 - H225

Aspiration 1 - H304
 Skin Irritation 2 - H315
 Eye Irritation 2 - H319
 Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation - H335
 Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336

2.2 Label elements

OSHA HCS 2012

DANGER



- Hazard statements**
- Highly flammable liquid and vapour - H225
 - May be fatal if swallowed and enters airways - H304
 - Causes skin irritation - H315
 - Causes serious eye irritation - H319
 - May cause respiratory irritation - H335
 - May cause drowsiness or dizziness - H336

Precautionary statements

- Prevention**
- Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking. - P210
 - Keep container tightly closed. - P233
 - Ground and/or bond container and receiving equipment. - P240
 - Use explosion-proof electrical/ventilating/lighting/equipment. - P241
 - Use only non-sparking tools. - P242
 - Take precautionary measures against static discharge. - P243
 - Avoid breathing mist/vapours/spray. - P261
 - Wash thoroughly after handling. - P264
 - Use only outdoors or in a well-ventilated area. - P271
 - Wear protective gloves/protective clothing/eye protection/face protection. - P280
- Response**
- In case of fire: Use appropriate media for extinction. - P370+P378
 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. - P304+P340
 - Call a POISON CENTER or doctor/physician if you feel unwell. - P312
 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. - P303+P361+P353
 - Take off contaminated clothing and wash before reuse. - P362
 - If skin irritation occurs: Get medical advice/attention. - P332+P313
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - P305+P351+P338
 - If eye irritation persists: Get medical advice/attention. - P337+P313
 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. - P301+P310
 - Do NOT induce vomiting. - P331
- Storage/Disposal**
- Store in a well-ventilated place. Keep container tightly closed. - P403+P233
 - Keep cool. - P235
 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

2.3 Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to WHMIS

2.1 Classification of the substance or mixture

WHMIS

- Flammable Liquids - B2
- Other Toxic Effects - D2B

2.2 Label elements

WHMIS



- Flammable Liquids - B2
- Other Toxic Effects - D2B

2.3 Other hazards

WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

3.2 Mixtures

| Composition | | | | | |
|---|------------------------------------|------------------|---|---|---|
| Chemical Name | Identifiers | % | LD50/LC50 | Classifications According to Regulation/Directive | Comments |
| 1-Chloro-4-(trifluoromethyl) benzene | CAS:98-56-6 EINECS:202-681-1 | 30% TO 60% | Ingestion/Oral-Rat LD50 • 13 g/kg Inhalation-Rat LC50 • 22 g/m ³ | EU DSD/DPD: Self Classified: R10, Xi, R36/38 EU CLP: Self Classified: Flam. Liq. 3, H226; Skin Irrit. 2, H315; Eye Irrit. 2, H319 OSHA HCS 2012: Flam. Liq. 3; Skin Irrit. 2; Eye Irrit. 2 | NDA |
| Naphtha (petroleum), hydrotreated light | CAS:64742-49-0 EINECS:265-151-9 | 10% TO 40% | NDA | EU DSD/DPD: Annex VI, Table 3.2: Carc.Cat.2; R45 Muta.Cat.2; R46 Xn; R65 EU CLP: Annex VI: Carc. 1B, H350; Muta. 1B, H340; Asp. Tox. 1, H304 OSHA HCS 2012: Asp. Tox. 1 | Component contains less than 0.1% benzene. Carcinogen and mutagen classifications do not apply for EU agencies. |
| Acetone | CAS:67-64-1 EINECS:200-662-2 | 10% TO 40% | Inhalation-Rat LC50 • 50100 mg/m ³ 8 Hour(s) Ingestion/Oral-Rat LD50 • 5800 mg/kg | EU DSD/DPD: Annex VI, Table 3.2: F; R11 Xi; R36 R66 R67 EU CLP: Annex VI: Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3: Narc., H336; EUH066 OSHA HCS 2012: Flam. Liq. 2; Eye Irrit. 2; STOT SE 3: Resp. Irrit.; STOT SE 3: Narc. | NDA |

See Section 11 for Toxicological Information. See Section 16 for full text of H-statements and R-phrases.

Section 4 - First Aid Measures

4.1 Description of first aid measures

- Inhalation**
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.
- Skin**
- In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. If skin irritation occurs: Get medical advice/attention.
- Eye**
- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.
- Ingestion**
- Do NOT induce vomiting. 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**
- LARGE FIRES: Water spray, fog or alcohol-resistant foam.
SMALL FIRES: Dry chemical, CO₂, water spray or alcohol-resistant foam.
- Unsuitable Extinguishing Media**
- Do not use a direct stream of water.

5.2 Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames. Containers may explode when heated. Vapor explosion hazard indoors, outdoors or in sewers. Many liquids are lighter than water. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Runoff to sewer may create fire or explosion hazard. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Dried solids can burn and release toxic fumes and vapors.
- Hazardous Combustion Products**
- No data available

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. Cool fire exposed containers with water. Move containers from fire area if you can do it without risk.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions**
- Ventilate enclosed areas. Wear appropriate protective clothing. Do not touch or walk through spilled material.
- Emergency Procedures**
- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions. LARGE SPILL: Consider initial downwind evacuation for at least 300 meters (1000 feet) Keep out of low areas. Stay upwind. Keep unauthorized personnel away. Ventilate closed spaces before entering.

6.2 Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Stop leak if you can do it without risk.
A vapor suppressing foam may be used to reduce vapors.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use clean non-sparking tools to collect absorbed material.
All equipment used when handling the product must be grounded.

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

- Keep away from fire. Keep away from heat and sparks. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing mist/vapours/spray. Avoid contact with skin, eyes, and clothing. Use only in well ventilated areas. All equipment used when handling the product must be grounded. Bond and ground all transfer containers and equipment. Take precautionary measures against static charges. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations near container. Do not eat, drink or smoke when using this product. After handling wash hands thoroughly.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Store in a cool/low-temperature, well-ventilated place away from heat and ignition sources. Keep container tightly closed. Keep away from incompatible materials.

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 | ACGIH | Canada Alberta | Canada British Columbia | Canada Manitoba | Canada New Brunswick |
| Acetone (67-64-1) | STELs | 750 ppm STEL | 750 ppm STEL; 1800 mg/m ³ STEL | 500 ppm STEL | 750 ppm STEL | 750 ppm STEL; 1782 mg/m ³ STEL |
| | TWAs | 500 ppm TWA | 500 ppm TWA; 1200 mg/m ³ TWA | 250 ppm TWA | 500 ppm TWA | 500 ppm TWA; 1188 mg/m ³ TWA |
| Exposure Limits/Guidelines (Con't.) | | | | | | |
| | Result | Canada Northwest Territories | Canada Nova Scotia | Canada Nunavut | Canada Ontario | Canada Quebec |
| Acetone (67-64-1) | STELs | 1250 ppm STEL; 2970 mg/m ³ STEL | 750 ppm STEL | 1250 ppm STEL; 2970 mg/m ³ STEL | 750 ppm STEL | 1000 ppm STEV; 2380 mg/m ³ STEV |
| | TWAs | 1000 ppm TWA; 2370 mg/m ³ TWA | 500 ppm TWA | 1000 ppm TWA; 2370 mg/m ³ TWA | 500 ppm TWA | 500 ppm TWAEV; 1190 mg/m ³ TWAEV |
| Exposure Limits/Guidelines (Con't.) | | | | | | |
| | Result | Canada Saskatchewan | Canada Yukon | NIOSH | OSHA | |

| | | | | | |
|----------------------|-------|-----------------|--|--|--|
| Acetone (67-64-1) | TWAs | 500 ppm TWA | 1000 ppm TWA; 2400 mg/m ³ TWA | 250 ppm TWA; 590 mg/m ³ TWA | 1000 ppm TWA; 2400 mg/m ³ TWA |
| | STELs | Not established | 1250 ppm STEL; 3000 mg/m ³ STEL | Not established | Not established |

8.2 Exposure controls

Engineering Measures/Controls

- This material is designed to be used outdoors, in roofing applications. Use in a well-ventilated area. 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. Use explosion-proof electrical/ventilating/lighting/equipment.

Personal Protective Equipment

Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear appropriate eye/face protection for the job/activity.

Skin/Body

- Wear appropriate gloves for the job/activity.

Environmental Exposure Controls

- In case of spills, keep product clear of sewers, waterways or land areas. Dispose of waste product in accordance with national and local laws and regulations.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

STEL = Short Term Exposure Limits are based on 15-minute exposures

STEV = Short Term Exposure Value

TWAEV = Time-Weighted Average Exposure Value

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

| Material Description | | | |
|-------------------------------------|------------------------------|------------------------|--|
| Physical Form | Liquid | Appearance/Description | Amber liquid with characteristic odor. |
| Color | Amber | Odor | Characteristic |
| Odor Threshold | Data lacking | | |
| General Properties | | | |
| Boiling Point | 133 F(56.1111 C) | Melting Point | Data lacking |
| Decomposition Temperature | Data lacking | pH | Data lacking |
| Specific Gravity/Relative Density | 1.01 Water=1 | Density | 8.42 lbs/gal |
| Water Solubility | Insoluble | Viscosity | Data lacking |
| Explosive Properties | Not explosive. | Oxidizing Properties: | Not an oxidizer. |
| Volatility | | | |
| Vapor Pressure | 175 mmHg (torr) @ 20 C(68 F) | Vapor Density | Data lacking |
| Evaporation Rate | Data lacking | VOC (Vol.) | 88.1 % |
| Flammability | | | |
| Flash Point | -4 F(-20 C) | UEL | 13 % |
| LEL | 2.6 % | Autoignition | Data lacking |
| Flammability (solid, gas) | Flammable Liquid. | | |
| 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

- Carbon monoxide, carbon dioxide, hydrocarbon, hydrogen chloride and other acid products of combustion.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

| Component Name | CAS | Data |
|---|---------|--|
| 1-Chloro-4-(trifluoromethyl) benzene (30% TO 60%) | 98-56-6 | Acute Toxicity: orl-rat LD50:13 gm/kg; ihl-rat LC50:22 gm/m3; Multi-dose Toxicity: ihl-rat TCLo:500 ppm/6H/4W-l |
| Acetone (10% TO 40%) | 67-64-1 | Acute Toxicity: orl-rat LD50:5800 mg/kg; ihl-rat LC50:50100 mg/m3/8H; Irritation: eye-rbt 20 mg SEV; skn-rbt 395 mg open MLD; Reproductive: ihl-rat TCLo:11000 ppm (6-19D preg) |

| GHS Properties | Classification |
|---------------------------|---|
| Acute toxicity | EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met |
| Aspiration Hazard | EU/CLP • Aspiration 1 OSHA HCS 2012 • Aspiration 1 |
| 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 |
| Skin corrosion/Irritation | EU/CLP • Skin Irritation 2 OSHA HCS 2012 • Skin Irritation 2 |
| Skin sensitization | 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 |

| | |
|--------------------------------------|--|
| STOT-SE | EU/CLP • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects OSHA HCS 2012 • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects; Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation |
| Toxicity for Reproduction | 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 |
| Serious eye damage/Irritation | EU/CLP • Eye Irritation 2 OSHA HCS 2012 • Eye Irritation 2 |

Route(s) of entry/exposure ● Inhalation, Skin, Eye, Ingestion

Potential Health Effects

Inhalation

- Acute (Immediate)** ● May cause respiratory irritation. May affect the central nervous system. Symptoms may include dizziness, drowsiness, lethargy, coma and death.
- Chronic (Delayed)** ● No data available

Skin

- Acute (Immediate)** ● Causes skin irritation.
- Chronic (Delayed)** ● Repeated exposure may cause skin dryness or cracking.

Eye

- Acute (Immediate)** ● Causes serious eye irritation.
- Chronic (Delayed)** ● No data available.

Ingestion

- Acute (Immediate)** ● Material may be aspirated into the lungs during ingestion and/or subsequent vomiting. Aspiration of this material will cause severe lung injury, chemical pneumonitis, pulmonary edema or death.
- Chronic (Delayed)** ● No data available.

Key to abbreviations

LC = Lethal Concentration TC = Toxic Concentration
LD = Lethal Dose SEV = Severe
MLD = Mild

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

- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

- No studies have been found.

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 | UN1133 | Adhesives | 3 | III | NDA |
| TDG | UN1133 | ADHESIVES | 3 | III | Potential Marine Pollutant |
| IMO/IMDG | UN1133 | ADHESIVES | 3 | III | NDA |
| ADN | UN1133 | ADHESIVES | 3 | III | NDA |
| ADR/RID | UN1133 | ADHESIVES | 3 | III | NDA |
| IATA/ICAO | UN1133 | Adhesives | 3 | III | NDA |

14.6 Special precautions for user

- None known.

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

- Not relevant.

Section 15 - Regulatory Information

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

SARA Hazard Classifications

- Acute, Chronic, Fire

| State Right To Know | | | | |
|---|------------|-----|-----|-----|
| Component | CAS | MA | NJ | PA |
| 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | No | No | No |
| Acetone | 67-64-1 | Yes | Yes | Yes |
| Naphtha (petroleum), hydrotreated light | 64742-49-0 | No | No | No |

| Inventory | | | | | | |
|--------------------------------------|---------|------------|-------------|-----------|-----------|------|
| Component | CAS | Canada DSL | Canada NDSL | EU EINECS | EU ELNICS | TSCA |
| 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Yes | No | Yes | No | Yes |

| | | | | | | |
|---|------------|-----|----|-----|----|-----|
| Acetone | 67-64-1 | Yes | No | Yes | No | Yes |
| Naphtha (petroleum), hydrotreated light | 64742-49-0 | Yes | No | Yes | No | Yes |

Canada

Labor

Canada - WHMIS - Classifications of Substances

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | B2, D2B |

Canada - WHMIS - Ingredient Disclosure List

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | 1 % |

Environment

Canada - 2004 NPRI (National Pollutant Release Inventory)

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

Canada - 2005 NPRI (National Pollutant Release Inventory)

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

Canada - CEPA - Greenhouse Gases Subject to Mandatory Reporting

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

Canada - CEPA - Priority Substances List

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

Canada - DWQ (Drinking Water Quality) - IMACs

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

Other

Canada - Accelerated Reduction/Elimination of Toxics (ARET)

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

Canada New Brunswick

Environment

Canada - New Brunswick - Ozone Depleting Substances - Schedule A

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

Canada - New Brunswick - Ozone Depleting Substances - Schedule B

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

Europe**Other****EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification**

| | | |
|---|------------|--|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Carc.Cat.2; R45 Muta.Cat.2; R46 Xn; R65 |
| • Acetone | 67-64-1 | F; R11 Xi; R36 R66 R67 |

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

| | | |
|---|------------|----------------------------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | T R:45-46-65 S:53-45 |
| • Acetone | 67-64-1 | F Xi R:11-36-66-67 S:(2)-9-16-26 |

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | P |
| • Acetone | 67-64-1 | Not Listed |

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

| | | |
|---|------------|---------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | S:53-45 |
| • Acetone | 67-64-1 | S:(2)-9-16-26 |

United States**Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

U.S. - OSHA - Specifically Regulated Chemicals

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

Environment**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

| | | |
|--|---------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
|--|---------|------------|

| | | |
|--|------------|---|
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |
| U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities | | |
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | 5000 lb final RQ; 2270 kg final RQ |
| U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities | | |
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |
| U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs | | |
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |
| U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs | | |
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |
| U.S. - CERCLA/SARA - Section 313 - Emission Reporting | | |
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |
| U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing | | |
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |
| U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII | | |
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Included in waste stream: F039 |
| U.S. - RCRA (Resource Conservation & Recovery Act) - Constituents for Detection Monitoring | | |
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | |
| U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents | | |
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | |
| U.S. - RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards | | |
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | 0.28 mg/L (wastewater); 160 mg/kg (nonwastewater) |

U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | |

U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics

| | | |
|---|------------|-------------------------------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | waste number U002 (Ignitable waste) |

United States - California**Environment****U.S. - California - Proposition 65 - Carcinogens List**

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

U.S. - California - Proposition 65 - Developmental Toxicity

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

United States - Pennsylvania**Labor****U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List**

| | | |
|---|------------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | |

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

| | | |
|--|---------|------------|
| • 1-Chloro-4-(trifluoromethyl) benzene | 98-56-6 | Not Listed |
|--|---------|------------|

| | | |
|---|------------|------------|
| • Naphtha (petroleum), hydrotreated light | 64742-49-0 | Not Listed |
| • Acetone | 67-64-1 | Not Listed |

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Relevant Phrases (code & full text)

- H226 - Flammable liquid and vapour
- H340 - May cause genetic defects.
- H350 - May cause cancer.
- R10 - Flammable.
- R36 - Irritating to eyes.
- R45 - May cause cancer.
- R46 - May cause heritable genetic damage.

Last Revision Date

- 11/March/2014

Preparation Date

- 10/February/2012

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