

SAFETY DATA SHEET

1. Identification

Product identifier Carlon Low-VOC Primer for PVC Plastic Pipe

Other means of identification

SDS number SDS-00063

Product code VC9903, VC9902, VC9932

Recommended use Low-VOC Primer-Cleaner for PVC Plastic Pipe

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company name Thomas & Betts Corporation

Address 8155 T & B Boulevard
Memphis, TN 38125
US

Telephone 901-252-5000 ext.8324

E-mail Not available.

Emergency phone number For Hazardous Materials [or Dangerous Goods] Incident
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
+1 703-741-5970

2. Hazard(s) identification

Physical hazards Flammable liquids Category 2

Health hazards Acute toxicity, oral Category 4

Acute toxicity, inhalation Category 4

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2A

Carcinogenicity Category 2

Specific target organ toxicity, single exposure Category 3 respiratory tract irritation

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Highly flammable liquid and vapor. Harmful if swallowed. Causes serious eye irritation. Causes skin irritation. Harmful if inhaled. May cause respiratory irritation. Suspected of causing cancer.

Precautionary statement

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response

If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use alcohol-resistant foam, carbon dioxide, dry powder or water fog for extinction.

| | |
|--|--|
| Storage | Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Hazard(s) not otherwise classified (HNOC) | None known. |
| Supplemental information | None. |

3. Composition/information on ingredients

Mixtures

| Chemical name | CAS number | % |
|----------------------------------|------------|-------------|
| 2-Butanone (Methyl ethyl ketone) | 78-93-3 | Proprietary |
| Acetone | 67-64-1 | Proprietary |
| Cyclohexanone | 108-94-1 | Proprietary |
| Furan, Tetrahydro- | 109-99-9 | Proprietary |

Composition comments The exact percentage (concentration) of composition has been withheld as a trade secret. Components not listed are either non-hazardous or are below reportable limits. All concentrations are in percent by weight unless ingredient is a gas.

4. First-aid measures

| | |
|---|--|
| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a POISON CENTER or doctor/physician if you feel unwell. |
| Skin contact | Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. |
| Eye contact | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately. |
| Ingestion | Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell. |
| Most important symptoms/effects, acute and delayed | Headache. Dizziness. Nausea. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation. Skin irritation. May cause redness and pain. Prolonged exposure to dust may cause chronic effects. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. |
| General information | Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse. |

5. Fire-fighting measures

| | |
|--|--|
| Suitable extinguishing media | Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire fighting equipment/instructions | In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. |
| General fire hazards | Highly flammable liquid and vapor. |

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Use water spray to reduce vapors or divert vapor cloud drift. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This product is miscible in water.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

Environmental precautions

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not get this material in contact with eyes. Do not taste or swallow. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components | Type | Value |
|--|------|------------------------|
| 2-Butanone (Methyl ethyl ketone) (CAS 78-93-3) | PEL | 590 mg/m ³ |
| Acetone (CAS 67-64-1) | PEL | 200 ppm |
| | | 2400 mg/m ³ |
| Cyclohexanone (CAS 108-94-1) | PEL | 1000 ppm |
| | | 200 mg/m ³ |
| Furan, Tetrahydro- (CAS 109-99-9) | PEL | 50 ppm |
| | | 590 mg/m ³ |
| | | 200 ppm |

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|--|------|---------|
| 2-Butanone (Methyl ethyl ketone) (CAS 78-93-3) | STEL | 300 ppm |
| | TWA | 200 ppm |

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|-----------------------------------|------|---------|
| Acetone (CAS 67-64-1) | STEL | 750 ppm |
| | TWA | 500 ppm |
| Cyclohexanone (CAS 108-94-1) | STEL | 50 ppm |
| | TWA | 20 ppm |
| Furan, Tetrahydro- (CAS 109-99-9) | STEL | 100 ppm |
| | TWA | 50 ppm |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value |
|--|------|-----------|
| 2-Butanone (Methyl ethyl ketone) (CAS 78-93-3) | STEL | 885 mg/m3 |
| | | 300 ppm |
| | TWA | 590 mg/m3 |
| | | 200 ppm |
| Acetone (CAS 67-64-1) | TWA | 590 mg/m3 |
| | | 250 ppm |
| Cyclohexanone (CAS 108-94-1) | TWA | 100 mg/m3 |
| | | 25 ppm |
| Furan, Tetrahydro- (CAS 109-99-9) | STEL | 735 mg/m3 |
| | | 250 ppm |
| | TWA | 590 mg/m3 |
| | | 200 ppm |

Biological limit values

ACGIH Biological Exposure Indices

| Components | Value | Determinant | Specimen | Sampling Time |
|--|---------|--------------------------------------|----------|---------------|
| 2-Butanone (Methyl ethyl ketone) (CAS 78-93-3) | 2 mg/l | MEK | Urine | * |
| Acetone (CAS 67-64-1) | 50 mg/l | Acetone | Urine | * |
| Cyclohexanone (CAS 108-94-1) | 80 mg/l | 1,2-Cyclohexanediol, with hydrolysis | Urine | * |
| | 8 mg/l | Cyclohexanol, with hydrolysis | Urine | * |
| Furan, Tetrahydro- (CAS 109-99-9) | 2 mg/l | Tetrahydrofuran | Urine | * |

* - For sampling details, please see the source document.

Exposure guidelines

US - California OELs: Skin designation

2-Butanone (Methyl ethyl ketone) (CAS 78-93-3) Can be absorbed through the skin.
Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

Cyclohexanone (CAS 108-94-1) Skin designation applies.

US - Tennessee OELs: Skin designation

Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.
Furan, Tetrahydro- (CAS 109-99-9) Can be absorbed through the skin.

US. NIOSH: Pocket Guide to Chemical Hazards

Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.

| | |
|--|---|
| Appropriate engineering controls | Explosion-proof general and local exhaust ventilation. 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. Eye wash facilities and emergency shower must be available when handling this product. |
| Individual protection measures, such as personal protective equipment | |
| Eye/face protection | Chemical respirator with organic vapor cartridge and full facepiece. |
| Skin protection | |
| Hand protection | Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. |
| Skin protection | |
| Other | Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. |
| Respiratory protection | Chemical respirator with organic vapor cartridge and full facepiece. |
| Thermal hazards | Wear appropriate thermal protective clothing, when necessary. |
| General hygiene considerations | Observe any medical surveillance requirements. When using do not smoke. Keep away from food and drink. 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. |

9. Physical and chemical properties

| | |
|---|--|
| Appearance | Liquid, various colors. |
| Physical state | Liquid. |
| Form | Not available. |
| Color | Clear or purple |
| Odor | Ether-like. |
| Odor threshold | 0.88 ppm |
| pH | Not available. |
| Melting point/freezing point | - 108 °C |
| Initial boiling point and boiling range | 56 °C |
| Flash point | - 20 °C |
| Evaporation rate | > 1.0 (Butyl acetate = 1) |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or explosive limits | |
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Explosive limit - lower (%) | 1.8 % |
| Explosive limit - upper (%) | 12.8 % |
| Vapor pressure | 190 mm Hg @ 20 °C |
| Vapor density | 2.5 (Air = 1) |
| Relative density | 0.900 (Water = 1) |
| Solubility(ies) | |
| Solubility (water) | Solvent portion soluble in water. Resin portion separates out. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | 321 °C |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Explosive properties | Not explosive. |
| Oxidizing properties | Not oxidizing. |

10. Stability and reactivity

| | |
|---|--|
| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials. |
| Incompatible materials | Acids. Bases. Oxidizers. |
| Hazardous decomposition products | Hydrogen chloride. Carbon oxides. Hydrocarbons. |

11. Toxicological information**Information on likely routes of exposure**

| | |
|---------------------|---|
| Inhalation | Harmful if inhaled. |
| Skin contact | Harmful in contact with skin. Causes skin irritation. |
| Eye contact | Causes serious eye damage. |
| Ingestion | Harmful if swallowed. |

Symptoms related to the physical, chemical and toxicological characteristics Headache. Dizziness. Nausea. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation. Skin irritation. May cause redness and pain. Prolonged exposure to dust may cause chronic effects.

Information on toxicological effects

Acute toxicity Harmful if inhaled. Harmful if swallowed.

| Components | Species | Test Results |
|---|--|--|
| Acetone (CAS 67-64-1) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rabbit | 20 ml/kg |
| <i>Inhalation</i> | | |
| LC50 | Rat | 76 mg/l, 4 Hours 50.1 mg/l, 8 Hours |
| Cyclohexanone (CAS 108-94-1) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rabbit | 948 mg/kg |
| <i>Inhalation</i> | | |
| LC50 | Rat | 8000 ppm, 4 hours |
| <i>Oral</i> | | |
| LD50 | Rat | 800 mg/kg |
| Skin corrosion/irritation | Causes skin irritation. | |
| Serious eye damage/eye irritation | Causes serious eye damage. | |
| Respiratory or skin sensitization | | |
| Respiratory sensitization | Not a respiratory sensitizer. | |
| Skin sensitization | This product is not expected to cause skin sensitization. | |
| Germ cell mutagenicity | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. | |
| Carcinogenicity | Suspected of causing cancer. | |
| IARC Monographs. Overall Evaluation of Carcinogenicity | | |
| Cyclohexanone (CAS 108-94-1) | 3 Not classifiable as to carcinogenicity to humans. | |
| NTP Report on Carcinogens | | |
| Not listed. | | |

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

| | |
|---|--|
| Reproductive toxicity | This product is not expected to cause reproductive or developmental effects. |
| Specific target organ toxicity - single exposure | May cause respiratory irritation. |
| Specific target organ toxicity - repeated exposure | Not classified. |
| Aspiration hazard | Not an aspiration hazard. |
| Chronic effects | Prolonged inhalation may be harmful. |

12. Ecological information

Ecotoxicity 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.

| Components | Species | Test Results |
|------------------------------|---------|---|
| Acetone (CAS 67-64-1) | | |
| Aquatic | | |
| Fish | LC50 | Fathead minnow (Pimephales promelas) 5490 - 7030 mg/l, 96 hours |
| Cyclohexanone (CAS 108-94-1) | | |
| Aquatic | | |
| Fish | LC50 | Fathead minnow (Pimephales promelas) 481 - 578 mg/l, 96 hours |

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

| | |
|--|-------|
| 2-Butanone (Methyl ethyl ketone) (CAS 78-93-3) | 0.29 |
| Acetone (CAS 67-64-1) | -0.24 |
| Cyclohexanone (CAS 108-94-1) | 0.81 |
| Furan, Tetrahydro- (CAS 109-99-9) | 0.46 |

Mobility in soil The product is partly soluble in water.

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.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products 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).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

| | |
|-------------------------------------|---|
| UN number | UN1993 |
| UN proper shipping name | Flammable liquids, n.o.s. (2-Butanone (Methyl ethyl ketone), Acetone) |
| Transport hazard class(es) | |
| Class | 3 |
| Subsidiary risk | - |
| Label(s) | 3 |
| Packing group | II |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Special provisions | IB2, T7, TP1, TP8, TP28 |
| Packaging exceptions | 150 |
| Packaging non bulk | 202 |

Packaging bulk 242

IATA

UN number UN1993

UN proper shipping name Flammable liquid, n.o.s. (2-Butanone (Methyl ethyl ketone), Acetone)

Transport hazard class(es)

Class 3

Subsidiary risk -

Packing group II

Environmental hazards No.

ERG Code 3H

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number UN1993

UN proper shipping name FLAMMABLE LIQUID, N.O.S. (2-Butanone (Methyl ethyl ketone), Acetone)

Transport hazard class(es)

Class 3

Subsidiary risk -

Packing group II

Environmental hazards

Marine pollutant No.

EmS F-E, S-E

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

15. Regulatory information

US federal regulations This product is 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.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

| | |
|--|--------|
| 2-Butanone (Methyl ethyl ketone) (CAS 78-93-3) | LISTED |
| Acetone (CAS 67-64-1) | LISTED |
| Cyclohexanone (CAS 108-94-1) | LISTED |
| Furan, Tetrahydro- (CAS 109-99-9) | LISTED |

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - Yes
 Delayed Hazard - Yes
 Fire Hazard - Yes
 Pressure Hazard - No
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

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 (SDWA) Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

2-Butanone (Methyl ethyl ketone) (CAS 78-93-3) 6714
Acetone (CAS 67-64-1) 6532

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

2-Butanone (Methyl ethyl ketone) (CAS 78-93-3) 35 %WV
Acetone (CAS 67-64-1) 35 %WV

DEA Exempt Chemical Mixtures Code Number

2-Butanone (Methyl ethyl ketone) (CAS 78-93-3) 6714
Acetone (CAS 67-64-1) 6532

US state regulations

US. Massachusetts RTK - Substance List

2-Butanone (Methyl ethyl ketone) (CAS 78-93-3)
Acetone (CAS 67-64-1)
Cyclohexanone (CAS 108-94-1)
Furan, Tetrahydro- (CAS 109-99-9)

US. New Jersey Worker and Community Right-to-Know Act

2-Butanone (Methyl ethyl ketone) (CAS 78-93-3)
Acetone (CAS 67-64-1)
Cyclohexanone (CAS 108-94-1)
Furan, Tetrahydro- (CAS 109-99-9)

US. Pennsylvania Worker and Community Right-to-Know Law

2-Butanone (Methyl ethyl ketone) (CAS 78-93-3)
Acetone (CAS 67-64-1)
Cyclohexanone (CAS 108-94-1)
Furan, Tetrahydro- (CAS 109-99-9)

US. Rhode Island RTK

2-Butanone (Methyl ethyl ketone) (CAS 78-93-3)
Acetone (CAS 67-64-1)
Cyclohexanone (CAS 108-94-1)
Furan, Tetrahydro- (CAS 109-99-9)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | Yes |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 06-May-2016
Revision date -
Revision # 0

HMIS® ratings

Health: 2*
Flammability: 3
Physical hazard: 0
Personal protection: B

NFPA ratings**Disclaimer**

Thomas & Betts Corporation cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.