



SAFETY DATA SHEET

1100FS BLACK
Revision Number 2

Revision date 31-Dec-2019
Supersedes Date: 15-Jul-2016

1. Identification

1.1. Product Identifier

Product Name 1100FS BLACK

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

Recommended use Adhesives and/or sealants.
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Responsible Party

Bostik Inc.
11320 W. Watertown Plank Road
Wauwatosa, Wisconsin 53226 USA
Phone: +1 (800) 843-0844 (Domestic Toll Free)
Phone: +1 (414) 774-2250 (International)
Fax: +1 (414) 774-8075

E-mail msds@bostik.com

1.4. Emergency telephone number

Telephone: 1-800-227-0332
(Outside U.S.) 1-703-527-3887

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

| | |
|--|------------|
| Serious eye damage/eye irritation | Category 2 |
| Respiratory sensitization | Category 1 |
| Skin sensitization | Category 1 |
| Carcinogenicity | Category 2 |
| Reproductive toxicity | Category 2 |
| Specific target organ toxicity (repeated exposure) | Category 2 |
| Flammable liquids | Category 4 |

2.2. Label Elements

EMERGENCY OVERVIEW

Danger

Hazard statements

Causes serious eye irritation
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause an allergic skin reaction
Suspected of causing cancer
Suspected of damaging fertility or the unborn child
May cause damage to organs through prolonged or repeated exposure
Combustible liquid

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Appearance No information available **Physical State** Liquid **Odor** Solvent

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
In case of inadequate ventilation wear respiratory protection
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves
Do not breathe dust/fume/gas/mist/vapors/spray
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
In case of fire: Use CO₂, dry chemical, or foam to extinguish.

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/ container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown acute toxicity

46 % of the mixture consists of ingredient(s) of unknown toxicity

2.3. Other Information

Causes mild skin irritation.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Mixture

3.2 Mixtures

| Chemical name | CAS No. | Weight-% |
|--------------------|-----------|----------|
| Polyvinyl chloride | 9002-86-2 | 10 - 30 |

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| | | |
|--|------------|---------|
| Limestone | 1317-65-3 | 7 - 13 |
| Propylene carbonate | 108-32-7 | 1 - 5 |
| Xylenes (o-, m-, p- isomers) | 1330-20-7 | 1 - 5 |
| Benzenesulfonyl isocyanate, 4-methyl- | 4083-64-1 | 1 - 5 |
| Benzene, 1,1'-methylenebis[isocyanato- | 26447-40-5 | 0.1 - 1 |
| Carbon black | 1333-86-4 | 0.1 - 1 |
| Glycidoxypropyltrimethoxysilane | 2530-83-8 | 0.1 - 1 |
| Ethylbenzene | 100-41-4 | 0.1 - 1 |
| Toluene | 108-88-3 | 0.1 - 1 |

**The exact percentage (concentration) of composition has been withheld as a trade secret.*

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

| | |
|---|---|
| General advice | Remove and isolate contaminated clothing and shoes. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. If medical advice is needed, have product container or label at hand. |
| Eye contact | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. If symptoms persist, call a physician. |
| Skin contact | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. May cause sensitization by skin contact. In the case of skin irritation or allergic reactions see a physician. |
| Inhalation | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult. May cause allergic respiratory reaction. Get medical attention if symptoms occur. |
| Ingestion | Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If swallowed, call a poison control center or physician immediately. |
| Self-protection of the first aider | Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Avoid contact with skin, eyes or clothing. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|-----------------|--|
| Symptoms | Irritating to eyes. Coughing and/ or wheezing. May cause redness, itching, and pain. May cause sensitization by inhalation and skin contact. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |
|-----------------|--|

4.3. Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|--|
| Note to physicians | May cause sensitization by inhalation and skin contact. Treat symptomatically. |
|---------------------------|--|

4.4. Reference to Other Sections

| | |
|------------------------------------|--|
| Reference to other sections | Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION Section 11: TOXICOLOGY INFORMATION |
|------------------------------------|--|

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

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Dry chemical, CO₂, water spray or regular foam. Water spray, fog or regular foam. Use water spray or fog; do not use straight streams. Move containers from fire area if you can do it without risk.

Unsuitable extinguishing media

CAUTION: All these products have a very low flash point: Use of water spray when fighting fire may be inefficient.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical

Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapors may travel to source of ignition and flash back. Keep product and empty container away from heat and sources of ignition. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Product is or contains a sensitizer. May cause sensitization by inhalation and skin contact.

Explosion Data

| | |
|----------------------------------|-------|
| Sensitivity to mechanical impact | None. |
| Sensitivity to static discharge | None. |

5.3. Advice for firefighters

Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Use personal protective equipment as required. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. All equipment used when handling the product must be grounded. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

Other information

Water spray may reduce vapor; but may not prevent ignition in closed spaces.

6.2. Environmental precautions

Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment

A vapor suppressing foam may be used to reduce vapors. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Methods for cleaning up

Use personal protective equipment as required. Do not direct water at spill or source of leak. Dam up. Soak up with inert absorbent material. Use clean non-sparking tools to collect absorbed material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

6.4. Reference to other sections

Reference to other sections

Section 7: HANDLING AND STORAGE
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
Section 13: DISPOSAL CONSIDERATIONS

Section 7: HANDLING AND STORAGE

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7.1. Precautions for safe handling

Advice on safe handling

Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas. Use with local exhaust ventilation. All equipment used when handling the product must be grounded. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Avoid contact with skin, eyes or clothing. After contact with skin, wash immediately with plenty of water and soap. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep out of the reach of children. Keep in properly labeled containers. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from direct contact with water or excessive moisture. Reacts with water.

Incompatible materials

Water. Alcohols. Strong bases. Strong oxidizing agents. Finely powdered metals. Strong acids. Chlorinated compounds.

7.3. Specific end use(s)

Specific Use(s)

Adhesives and/or sealants.

Other information

No information available.

7.4. References to Other Sections

Reference to other sections

Section 13: DISPOSAL CONSIDERATIONS
Section 10: STABILITY AND REACTIVITY

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Guidelines

This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product.

| Chemical name | ACGIH TLV | NIOSH IDLH | OSHA PEL | Mexico |
|---|--|---|--|-------------------------------|
| Polyvinyl chloride 9002-86-2 | TWA: 1 mg/m ³ respirable particulate matter | - | - | TWA: 1 mg/m ³ |
| Limestone 1317-65-3 | No data available | TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction | - |
| Xylenes (o-, m-, p- isomers) 1330-20-7 | STEL: 150 ppm TWA: 100 ppm | - | TWA: 100 ppm TWA: 435 mg/m ³ | TWA: 100 ppm STEL: 150 ppm |
| Benzene, 1,1'-methylenebis[isocyanato - 26447-40-5 | No data available | - | Ceiling: 0.02 ppm Ceiling: 0.2 mg/m ³ | - |
| Carbon black 1333-86-4 | TWA: 3 mg/m ³ inhalable particulate matter | IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH | TWA: 3.5 mg/m ³ | TWA: 3 mg/m ³ |
| Ethylbenzene | TWA: 20 ppm | IDLH: 800 ppm | TWA: 100 ppm | TWA: 20 ppm |

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| | | | | |
|---------------------|-------------|---|----------------------------------|-------------|
| 100-41-4 | | TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³ | TWA: 435 mg/m ³ | |
| Toluene 108-88-3 | TWA: 20 ppm | IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 560 mg/m ³ | TWA: 200 ppm Ceiling: 300 ppm | TWA: 20 ppm |

| Chemical name | Argentina | Brazil | Chile | Venezuela |
|---|-------------------------------|---|---|---------------------------------------|
| Polyvinyl chloride 9002-86-2 | - | TWA: 1 mg/m ³ | - | - |
| Limestone 1317-65-3 | TWA: 10 mg/m ³ | - | TWA: 7 mg/m ³ | - |
| Xylenes (o-, m-, p- isomers) 1330-20-7 | TWA: 100 ppm STEL: 150 ppm | TWA: 78 ppm TWA: 340 mg/m ³ | TWA: 87 ppm TWA: 380 mg/m ³ | Skin STEL: 150 ppm TWA: 100 ppm |
| Benzene, 1,1'-methylenebis[isocyanato - 26447-40-5 | TWA: 0.005 ppm | - | TWA: 0.004 ppm TWA: 0.045 mg/m ³ | - |
| Carbon black 1333-86-4 | TWA: 3.5 mg/m ³ | TWA: 3 mg/m ³ | - | TWA: 3.5 mg/m ³ |
| Ethylbenzene 100-41-4 | TWA: 100 ppm STEL: 125 ppm | TWA: 78 ppm TWA: 340 mg/m ³ | TWA: 87 ppm TWA: 380 mg/m ³ | Skin STEL: 125 ppm TWA: 100 ppm |
| Toluene 108-88-3 | TWA: 50 ppm Skin | TWA: 78 ppm TWA: 290 mg/m ³ Skin | TWA: 87 ppm TWA: 328 mg/m ³ Skin | Skin TWA: 20 ppm |

| Chemical name | ACGIH TLV | NIOSH IDLH | OSHA PEL | Mexico |
|---------------------------|-------------------------------------|--|--|-------------------------------|
| Methyl alcohol 67-56-1 | STEL: 250 ppm TWA: 200 ppm S* | IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m ³ STEL: 250 ppm STEL: 325 mg/m ³ | TWA: 200 ppm TWA: 260 mg/m ³ | TWA: 200 ppm STEL: 250 ppm |

| Chemical name | Argentina | Brazil | Chile | Venezuela |
|---------------------------|---------------------------------------|--|--|---------------------------------------|
| Methyl alcohol 67-56-1 | TWA: 200 ppm Skin STEL: 250 ppm | TWA: 156 ppm TWA: 200 mg/m ³ Skin | TWA: 175 ppm TWA: 229 mg/m ³ Skin | Skin STEL: 250 ppm TWA: 200 ppm |

8.2. Exposure controls

Engineering controls

Showers
Eyewash stations
Ventilation systems.

Personal protective equipment [PPE]

Eye/face protection

Tight sealing safety goggles.

Skin and body protection

Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General hygiene considerations

Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid breathing (dust, vapor, mist, gas). Avoid contact with eyes, skin and clothing. Wash face, hands and any exposed skin thoroughly after handling. Take off all contaminated clothing and wash it before reuse. Regular cleaning of equipment, work area and clothing is

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recommended.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|----------------|--------------------------|
| Physical state | Liquid |
| Color | Black |
| Odor | Solvent |
| Odor threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--|----------------------------|-------------------------|
| pH | No information available | |
| Melting point / freezing point | No data available | |
| Boiling point / boiling range | No data available | |
| Flash point | 71 °C / 160 °F | |
| Evaporation rate | No information available | |
| Flammability (solid, gas) | Not applicable for liquids | |
| Flammability Limit in Air | | |
| Upper flammability or explosive limits | No information available | |
| Lower flammability or explosive limits | No information available | |
| Vapor pressure | No information available | |
| Vapor density | No information available | |
| Relative density | No information available | |
| Water solubility | No information available | |
| Solubility in Other Solvents | | |
| Partition coefficient | No information available | |
| Autoignition temperature | No information available | |
| Decomposition temperature | No information available | |
| Kinematic viscosity | No information available | |
| Dynamic viscosity | No information available | |
| Explosive properties | No information available | |
| Oxidizing properties | No information available | |
| 9.2. Other information | | |
| Softening Point | No information available | |
| Molecular weight | No information available | |
| Solvent content (%) | No information available | |
| Solid content (%) | 96.0 | |
| Density | 1.19 g/cm ³ | |
| VOC Content (%) | | 2.7 % |

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

None under normal use conditions.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

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None under normal processing.

Hazardous polymerization Hazardous polymerization may occur.

10.4. Conditions to avoid

Keep from any possible contact with water. Extremes of temperature and direct sunlight. Storage near to reactive materials. Heat, flames and sparks.

10.5. Incompatible materials

Water. Alcohols. Strong bases. Strong oxidizing agents. Finely powdered metals. Strong acids. Chlorinated compounds.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x). Hydrogen cyanide. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon oxides.

Section 11: TOXICOLOGY INFORMATION

11.1. Information on toxicological effects

| | |
|----------------------------|---|
| Product Information | No data available |
| Inhalation | May cause sensitization by inhalation. |
| Eye contact | Irritating to eyes. |
| Skin contact | May cause sensitization by skin contact. |
| Ingestion | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|-------------------------------------|---|--|
| Limestone 1317-65-3 | >5000 mg/kg (Rattus) | - | - |
| Propylene carbonate 108-32-7 | LD50 > 5000 mg/kg (Rattus) OECD 401 | > 3000 mg/kg (Oryctolagus cuniculus) | - |
| Xylenes (o-, m-, p- isomers) 1330-20-7 | =3500 mg/kg (Rattus) | > 1700 mg/kg (Oryctolagus cuniculus) > 4350 mg/kg (Oryctolagus cuniculus) | =>47635 mg/L (Rattus) 4 h = >5000 ppm (Rattus) 4 h |
| Benzenesulfonyl isocyanate, 4-methyl- 4083-64-1 | =2234 mg/kg (Rattus) | LD 50 (Rattus) > 2000 mg/kg OECD 402 | >640 ppm (Rattus) 1 h |
| Benzene, 1,1'-methylenebis[isocyanato- 26447-40-5 | >10000 mg/kg (Rattus) | > 10000 mg/kg (Oryctolagus cuniculus) | =490 mg/m ³ (Rattus) 4 h |
| Carbon black 1333-86-4 | LD50 > 8000 mg/kg (Rattus) OECD 401 | > 3 g/kg (Oryctolagus cuniculus) | - |
| Glycidoxypropyltrimethoxysilane 2530-83-8 | =8025 mg/kg (Rattus) | = 4250 mg/kg (Oryctolagus cuniculus) | >5.3 mg/L (Rattus) 4 h |
| Ethylbenzene 100-41-4 | =3500 mg/kg (Rattus) | = 15400 mg/kg (Oryctolagus cuniculus) | =17.4 mg/L (Rattus) 4 h |
| Toluene 108-88-3 | =5580 mg/kg (Rattus) | = 12000 mg/kg (Oryctolagus cuniculus) | >20 mg/L (Rattus) 4 h |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|--|---------------------------|
| Symptoms | No information available. |
| Skin corrosion/irritation | No information available. |
| Serious eye damage/eye irritation | Irritating to eyes. |
| Irritation | No information available. |
| Corrosivity | No information available. |

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|---------------------------------|---|
| Sensitization | Isocyanates are known to be strong sensitizers. People who suffer from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this preparation. May cause sensitization by inhalation and skin contact. |
| Germ cell mutagenicity | No information available. |
| Reproductive toxicity | Product is or contains a chemical which is a known or suspected reproductive hazard. |
| Developmental toxicity | No information available. |
| Teratogenicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
| Chronic Toxicity | Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure. Repeated or prolonged exposure may cause central nervous system damage. Repeated or prolonged contact causes sensitization, asthma and eczemas. May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects. Contains a known or suspected reproductive toxin. |
| Target organ effects | Eyes, retina, Skin, liver, blood, blood forming system, Gastrointestinal tract (GI), kidney, Lungs, Respiratory system, Reproductive System. |
| Aspiration hazard | No information available. |
| Carcinogenicity | The table below indicates whether each agency has listed any ingredient as a carcinogen. As Carbon black (1333-86-4) is inextricably bound in the polymer matrix, it is not expected to be available as an airborne hazard (dust, mist, or spray) under normal condition of uses. |

| Chemical name | ACGIH | IARC | NTP | OSHA |
|---|-------|----------|-----|------|
| Polyvinyl chloride 9002-86-2 | - | Group 3 | - | - |
| Xylenes (o-, m-, p- isomers) 1330-20-7 | - | Group 3 | - | - |
| Benzene, 1,1'-methylenebis[isocyanato - 26447-40-5 | - | Group 3 | - | - |
| Carbon black 1333-86-4 | A3 | Group 2B | - | X |
| Ethylbenzene 100-41-4 | A3 | Group 2B | - | X |
| Toluene 108-88-3 | - | Group 3 | - | - |

ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - *Confirmed animal carcinogen with unknown relevance to humans*
IARC (International Agency for Research on Cancer)
Group 2B - *Possibly Carcinogenic to Humans*
Group 3 - *Not Classifiable as to Carcinogenicity in Humans*
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - *Present*

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Harmful to aquatic life

| Chemical name | Algae/aquatic plants | Fish | Toxicity to Microorganisms | Crustacea |
|---------------------------------|--|--|----------------------------|--|
| Limestone 1317-65-3 | CE50 (72h) >200mg/L Algae (Desmodesmus subspicatus) | CL50 (96h) >10000mg/L (Oncorhynchus mykiss) | | CE50 (48h) >1000 mg/L Daphnia Magna |
| Propylene carbonate 108-32-7 | EC50: >500mg/L (72h, Desmodesmus subspicatus) | LC50 96 h > 1000 mg/L (Cyprinus carpio semi-static) | EC50 > 10000 mg/L 17 h | EC50: >500mg/L (48h, Daphnia magna) |

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|---|---|--|--|--|
| Xylenes (o-, m-, p- isomers) 1330-20-7 | | LC50 96 h 2.6 mg/L (Oncorhynchus mykiss) (OECD 203) | EC50 = 0.0084 mg/L 24 h | EC50 48 h = 3.4 mg/L (Daphnia magna) |
| Benzene, 1,1'-methylenebis[isocyanato - 26447-40-5 | EC50: =3230mg/L (96h, Skeletonema costatum) | | | EC50: >1000mg/L (24h, Daphnia magna) |
| Carbon black 1333-86-4 | >10000 mg/l (Desmodesmus subspicatus) OECD 202 | >1000 mg/l (Brachydanio rerio) OCDE 203 | | EC50: >5600mg/L (24h, Daphnia magna) |
| Glycidoxypropyltrimethoxysil ane 2530-83-8 | | LC50 (96h) = 55 mg/L (Cyprinus carpio) OECD 203 | | EC50 (48h) =473 mg/L Daphnia magna |
| Ethylbenzene 100-41-4 | EC50 72 h 2.6 - 11.3 mg/L (Pseudokirchneriella subcapitata) | LC50 96 h = 4.2 mg/L (Oncorhynchus mykiss semi-static) | EC50 = 9.68 mg/L 30 min EC50 = 96 mg/L 24 h | EC50: 1.8 - 2.4mg/L (48h, Daphnia magna) |
| Toluene 108-88-3 | EC50 72 h = 12.5 mg/L (Pseudokirchneriella subcapitata) | LC50 96 h 5.89 - 7.81 mg/L (Oncorhynchus mykiss flow-through) LC50 96 h = 5.8 mg/L (Oncorhynchus mykiss semi-static) | EC50 = 19.7 mg/L 30 min | EC50: =11.5mg/L (48h, Daphnia magna) EC50: 5.46 - 9.83mg/L (48h, Daphnia magna) |

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

Other adverse effects

No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal of Wastes

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations

Contaminated packaging

Dispose of in accordance with federal, state and local regulations

Section 14: TRANSPORT INFORMATION

Note:

The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments made in non-bulk packages (see regulatory definition)
 The information shown here, may not always agree with the bill of lading shipping description for the material
 49 CFR 173.150(f)(2) "The requirements in this subchapter do not apply to a material classed as a combustible liquid in a non-bulk packaging unless the combustible liquid is a hazardous substance, a hazardous waste, or a marine pollutant."

DOT

UN/ID No
Proper Shipping Name

NA1993
 Combustible liquid, n.o.s.

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| | |
|--|--|
| Hazard class | Combustible liquid |
| Packing Group | III |
| Special Provisions | IB3, T1, T4, TP1 |
| Description | NA1993, Combustible liquid, n.o.s. (Xylenes), Combustible liquid, III, |
| Emergency Response Guide Number | 128 |

IATA Not regulated

IMDG Not regulated

Section 15: REGULATORY INFORMATION

Global Inventories

| | |
|-------------|--------|
| TSCA | Listed |
| DSL | Listed |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL - Canadian Domestic Substances List

Listed - The components of this product are either listed or exempt from listing on inventory.

Not Listed - One or more components of this product are not listed on inventory.

United States of America

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical name | CAS No. |
|------------------------------|-----------|
| Xylenes (o-, m-, p- isomers) | 1330-20-7 |
| Ethylbenzene | 100-41-4 |

SARA 311/312 Hazard Categories

Classification is shown in section 2 of this SDS

Europe

Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation

SVHC: Substances of Very High Concern for Authorization:

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

No information available

Key Literature References and Sources for Data

No information available

Prepared By Product Safety & Regulatory Affairs

SAFETY DATA SHEET

1100FS BLACK
Revision Number 2

Revision date 31-Dec-2019
Supersedes Date: 15-Jul-2016

| | |
|----------------------------|--|
| Revision date | 31-Dec-2019 |
| Revision note | SDS sections updated, 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 14, 15, 16. |
| Training Advice | No information available |
| Further information | No information available |

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet