



Safety Data Sheet

1100FS
1100 FS Product Series

Revision Date 05-May-2016
Supersedes Date: No information available
Version 4

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product Name 1100 FS Product Series
Product Code 1100FS

Product(s) Covered See section 16 for more information

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended use Adhesives, sealants.
Uses Advised Against No information available

1.3. Details of the Supplier of the Safety Data Sheet

Company Name

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
Email: msds@bostik-us.com

1.4. Emergency Telephone Number

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

Section 2: HAZARD IDENTIFICATION

2.1. Classification of the Substance or Mixture

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

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

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Combustible liquid



Appearance Paste

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
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/sparks/open flames/hot surfaces. — No smoking

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
Specific treatment (see first aid measures on this label)
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 Toxicity

52% 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

This product is a mixture. Health hazard information is based on its components.

3.2 Mixtures

Chemical Name	CAS No	Weight-%
Polyvinyl chloride	9002-86-2	10 - 30

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Limestone	1317-65-3	5 - 10
Titanium dioxide	13463-67-7	1 - 5
Propylene carbonate	108-32-7	1 - 5
Xylenes (o-, m-, p- isomers)	1330-20-7	1 - 5
Benzenesulfonyl isocyanate, 4-methyl-	4083-64-1	0.1 - 1
Carbon black	1333-86-4	0.1 - 1
4,4'-Methylenediphenyl diisocyanate	101-68-8	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 symptoms persist, call a physician.
Eye contact	In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes. Keep eye wide open while rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
Inhalation	Move victim to fresh air. Administer oxygen if breathing is difficult. If breathing is irregular or stopped, administer artificial respiration.
Ingestion	Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.
Self-protection of the First Aider	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms No information available.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians May cause sensitization by inhalation and skin contact.

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

Dry chemical, CO₂, water spray 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

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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

In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.

Explosion Data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

5.3. Advice for Firefighters

Protective Equipment and Precautions for Firefighters

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. Avoid contact with skin, eyes or clothing. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do it without risk. Do not touch or walk through spilled material. All equipment used when handling the product must be grounded. Remove all sources of ignition. Pay attention to flashback. Take precautionary measures against static discharges.

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. Prevent product from entering drains. 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. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for Cleaning up

Use personal protective equipment as required. Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers. Do not direct water at spill or source of leak. Decontaminate floor with decontamination solution letting stand for at least 15 minutes. Soak up with inert absorbent material. Take precautionary measures against static discharges.

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

7.1. Precautions for Safe Handling

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Advice on Safe Handling

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

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage Conditions

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

Incompatible Materials

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

7.3. Specific End Use(s)

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

As Titanium dioxide (13463-67-7) 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. 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. As Limestone CAS 1317-65-3 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 TLV	NIOSH IDLH	OSHA PEL	Mexico
Polyvinyl chloride 9002-86-2	TWA: 1 mg/m ³ respirable fraction	-	-	-
Limestone 1317-65-3	-	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	TWA: 10 mg/m ³ STEL: 20 mg/m ³
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	IDLH: 5000 mg/m ³	TWA: 15 mg/m ³ total dust	TWA: 10 mg/m ³ STEL: 20 mg/m ³
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 TWA: 435 mg/m ³ STEL: 150 ppm STEL: 655 mg/m ³
Carbon black 1333-86-4	TWA: 3 mg/m ³ inhalable fraction	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: 3.5 mg/m ³ STEL: 7 mg/m ³
4,4'-Methylenediphenyl diisocyanate 101-68-8	TWA: 0.005 ppm	IDLH: 75 mg/m ³ Ceiling: 0.020 ppm 10 min Ceiling: 0.2 mg/m ³ 10 min	Ceiling: 0.02 ppm Ceiling: 0.2 mg/m ³	-

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		TWA: 0.005 ppm TWA: 0.05 mg/m ³		
Ethylbenzene 100-41-4	TWA: 20 ppm	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³	TWA: 100 ppm TWA: 435 mg/m ³	TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 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: 50 ppm TWA: 188 mg/m ³

Chemical Name	Argentina	Brazil	Chile	Venezuela
Limestone 1317-65-3	TWA: 10 mg/m ³	-	TWA: 8 mg/m ³	-
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	-	-	TWA: 10 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: 80 ppm TWA: 347 mg/m ³	Skin STEL: 150 ppm TWA: 100 ppm
Carbon black 1333-86-4	TWA: 3.5 mg/m ³	-	-	TWA: 3.5 mg/m ³
4,4'-Methylenediphenyl diisocyanate 101-68-8	-	-	-	TWA: 0.005 ppm
Ethylbenzene 100-41-4	TWA: 100 ppm STEL: 125 ppm	TWA: 78 ppm TWA: 340 mg/m ³	TWA: 80 ppm TWA: 348 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: 80 ppm TWA: 300 mg/m ³ Skin	Skin TWA: 20 ppm

Chemical Name	ACGIH TLV	NIOSH IDLH	OSHA PEL	Mexico
Methanol 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 TWA: 260 mg/m ³ STEL: 250 ppm STEL: 310 mg/m ³

Chemical Name	Argentina	Brazil	Chile	Venezuela
Methanol 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. Wear safety glasses with side shields (or 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

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

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Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	Liquid
Appearance	Paste
Color	Multiple Colors
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 information available	
Boiling Point	No information available	
Flash Point	71.1 °C / 160 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper Flammability Limit	No information available	
Lower Flammability Limit	No information available	
Vapor Pressure	No information available	
Vapor Density	No information available	
Specific Gravity	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	1.215 g/cm ³
VOC	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

None under normal processing.

Hazardous Polymerization	Hazardous polymerization may occur.
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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	No Data Available.
Eye contact	No Data Available.
Skin Contact	No Data Available.
Ingestion	No Data Available.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Limestone 1317-65-3	>5000 mg/kg (rat)	-	-
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
Propylene carbonate 108-32-7	= 29000 mg/kg (Rat)	> 20 mL/kg (Rabbit)	-
Xylenes (o-, m-, p- isomers) 1330-20-7	= 3500 mg/kg (Rat)	> 1700 mg/kg (Rabbit) > 4350 mg/kg (Rabbit)	= >47635 mg/L (Rat) 4 h = >5000 ppm (Rat) 4 h
Benzenesulfonyl isocyanate, 4-methyl- 4083-64-1	= 2234 mg/kg (Rat)	-	> 640 ppm (Rat) 1 h
Carbon black 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-
4,4'-Methylenediphenyl diisocyanate 101-68-8	= 31600 mg/kg (Rat) = 9200 mg/kg (Rat)	-	= 369 mg/m ³ (Rat) 4 h
Ethylbenzene 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 1432 mg/L (Rat) 4 h
Toluene 108-88-3	= 2600 mg/kg (Rat)	= 12000 mg/kg (Rabbit)	= 30 mg/L (Rat) 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	No information available.
Irritation	No information available.
Corrosivity	No information available.
Sensitization	No information available.
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.

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**STOT - Repeated Exposure
Chronic Toxicity**

No information available.
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

Respiratory system, Eyes, Skin, Central nervous system, Blood, Gastrointestinal tract (GI), Kidney, Liver, Lungs.

**Aspiration Hazard
Carcinogenicity**

No information available.
The table below indicates whether each agency has listed any ingredient as a carcinogen. As Titanium dioxide (13463-67-7) 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. 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	-	-
Titanium dioxide 13463-67-7	-	Group 2B	-	X
Xylenes (o-, m-, p- isomers) 1330-20-7	-	Group 3	-	-
Carbon black 1333-86-4	A3	Group 2B	-	X
4,4'-Methylenediphenyl diisocyanate 101-68-8	-	Group 3	-	-
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

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 Fish (Oncorhynchus mykiss)		CE50 (48h) >1000 mg/L Daphnia Magna
Propylene carbonate 108-32-7	EC50 72 h > 500 mg/L (Desmodesmus subspicatus)	LC50 96 h = 5300 mg/L (Leuciscus idus static) LC50 96 h > 1000 mg/L (Cyprinus carpio semi-static)	EC50 > 10000 mg/L 17 h	EC50 48 h > 500 mg/L (Daphnia magna)
Xylenes (o-, m-, p- isomers) 1330-20-7		LC50 96 h 30.26 - 40.75 mg/L (Poecilia reticulata static) LC50 96 h = 780 mg/L	EC50 = 0.0084 mg/L 24 h	EC50 48 h = 3.4 mg/L (water flea)

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		(Cyprinus carpio semi-static) LC50 96 h 2.661 - 4.093 mg/L (Oncorhynchus mykiss static) LC50 96 h = 13.4 mg/L (Pimephales promelas flow-through) LC50 96 h > 780 mg/L (Cyprinus carpio) LC50 96 h 23.53 - 29.97 mg/L (Pimephales promelas static) LC50 96 h = 19 mg/L (Lepomis macrochirus) LC50 96 h 13.5 - 17.3 mg/L (Oncorhynchus mykiss) LC50 96 h 7.711 - 9.591 mg/L (Lepomis macrochirus static) LC50 96 h 13.1 - 16.5 mg/L (Lepomis macrochirus flow-through)		
Carbon black 1333-86-4	>10000 mg/l (Desmodesmus subspicatus) OECD 202	>1000 mg/l (Brachydanio rerio) OCDE 203		EC50 24 h > 5600 mg/L (Daphnia magna)
4,4'-Methylenediphenyl diisocyanate 101-68-8		>1000 mg/l (Danio rerio)		
Ethylbenzene 100-41-4	EC50 96 h > 438 mg/L (Pseudokirchneriella subcapitata) EC50 96 h 1.7 - 7.6 mg/L (Pseudokirchneriella subcapitata) EC50 72 h = 4.6 mg/L (Pseudokirchneriella subcapitata) EC50 72 h 2.6 - 11.3 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h = 32 mg/L (Lepomis macrochirus static) LC50 96 h 11.0 - 18.0 mg/L (Oncorhynchus mykiss static) LC50 96 h 7.55 - 11 mg/L (Pimephales promelas flow-through) LC50 96 h = 4.2 mg/L (Oncorhynchus mykiss semi-static) LC50 96 h 9.1 - 15.6 mg/L (Pimephales promelas static) LC50 96 h = 9.6 mg/L (Poecilia reticulata static)	EC50 = 9.68 mg/L 30 min EC50 = 96 mg/L 24 h	EC50 48 h 1.8 - 2.4 mg/L (Daphnia magna)
Toluene 108-88-3	EC50 72 h = 12.5 mg/L (Pseudokirchneriella subcapitata) EC50 96 h > 433 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h 15.22 - 19.05 mg/L (Pimephales promelas flow-through) LC50 96 h 50.87 - 70.34 mg/L (Poecilia reticulata static) LC50 96 h 5.89 - 7.81 mg/L (Oncorhynchus mykiss flow-through) LC50 96 h = 5.8 mg/L (Oncorhynchus mykiss semi-static) LC50 96 h 11.0 - 15.0 mg/L (Lepomis macrochirus static) LC50 96 h = 54 mg/L (Oryzias latipes static) LC50 96 h = 12.6 mg/L (Pimephales promelas static) LC50 96 h 14.1 - 17.16 mg/L (Oncorhynchus mykiss static) LC50 96 h = 28.2 mg/L (Poecilia reticulata semi-static)	EC50 = 19.7 mg/L 30 min	EC50 48 h 5.46 - 9.83 mg/L (Daphnia magna Static) EC50 48 h = 11.5 mg/L (Daphnia magna)

12.2. Persistence and Degradability

No information available.

12.3. Bioaccumulative Potential

No information available.

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12.4. Mobility in Soil

No information available.

12.5 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: TRANSPORTATION INFORMATION

Note:

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	NA1993
Proper Shipping Name	Combustible liquid, n.o.s.
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	Not 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.

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

WHMIS Hazard Class

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B3 - Combustible liquid
D2A - Very toxic materials



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

Acute Health Hazard	yes
Chronic Health Hazard	yes
Fire Hazard	yes
Sudden release of pressure hazard	No
Reactive Hazard	No

California Proposition 65

This product contains one or more of the substances listed on Proposition 65 at or above 0.01 wt. %

Chemical Name	CAS No
1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich	68515-49-1
Titanium dioxide	13463-67-7
Carbon black	1333-86-4
Ethylbenzene	100-41-4
Toluene	108-88-3
Quartz	14808-60-7
Cumene	98-82-8

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.

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

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

Product(s) Covered

Safety Data Sheet

1100FS
1100 FS Product Series

Revision Date 05-May-2016
Supersedes Date: No information available
Version 4

A19200-7C	1100 FS WHITE	5GL
A19200-95	1100 FS WHITE	52GL
A19200-95L	1100FS wht MD52GL/P3 VARWT	
A19217	BOST 1100FS WHITE	24/10.1
A19217-95L	BOST1100FS/WH/DRM/52GL/VWT/3P	
A19221	1100FS WHITE S/PK	12/20.0
A25600-7C	1100 FS BLACK	5GL
A25614	BOST 1100FS BLACK	24/10.1
A25614-95L	BS110FS/BLK/DRM/52GL/VRWTLB/3P	
A26815	BOST 1100FS GRAY	24/10.1
A26815-95L	B1100FS/GRY/DRM/52GL/VRWTLB/3P	

HMIS **Health Hazards** 2* **Flammability** 2 **Physical Hazards** 0 **Personal Protection** X

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

Revision Date 05-May-2016

Revision Note Not applicable.

Training Advice No information available

Additional information No information available

Disclaimer

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End of Safety Data Sheet