



Health	0
Fire	1
Reactivity	0
Personal Protection	

Material Safety Data Sheet

Section 1: Chemical Product and Company Identification

Product Name: FTG ABS

CAS#: 9003-56-9

RTECS: AT6970000

TSCA: 12(b), and/or require an OSHA process safety plan.

CI#:

Synonym: Acrylonitrilebutadiene-styrene copolymers; Acrylonitrile-1,3-butadiene-styrene polymer; Acrylonitrile, polymer with 1,3-butadiene-styrene resin, ABS; ABS copolymer, ABS plastic, ABS resin, ABS terpolymer

Chemical Name: Acrylonitrile-butadiene-styrene

Chemical Formula: This material contains one or more of the following chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

Styrene 100-42-5

IBC Code: Category Y

Chemical Family: polymer, copolymer

Contact Information:

Filabot

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Section 2: Composition and Information on Ingredients

Composition:

Name: FTG ABS	CAS #	% by Weight
Acrylonitrile-butadiene-styrene	9003-56-9	90-100%

Toxicological classification: Irritating material

Section 3: Hazards Identification

Inhalation

No hazard is expected from the normal use of this product. Dust may cause irritation of the nose, throat and upper respiratory tract.

Skin Contact

Molten material may cause burns.

Eye Contact

Molten material may cause burns.

Section 4: First Aid Measures

Eye Contact: It is unlikely that first aid will be required. Dust may be irritating to the eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention, if needed.

Skin Contact: It is unlikely that first aid will be required. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention

Inhalation: Heating may release vapors which may be irritating. In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still. Get medical advice/attention.

Ingestion: Rinse mouth. Get immediate medical advice/attention

Section 5: Accidental Release Measures

Protect people

Isolate area. Keep unnecessary personnel away

Protect the environment

Keep out of irrigation ditches, sewers, and water supplies. Spills should be collected to prevent contamination of waterways

Cleanup

Keep unnecessary personnel away. Sweep up

Section 6: Handling and Storage

Handling procedures

Good housekeeping and controlling dusts are necessary for safe handling of products.

Avoid friction and keep away from possible ignition sources

Earth the dust containers

Storage

Store in cool, dry and well-ventilated place

Section 7: Exposure Controls/Personal Protection

Guidelines

No guidelines are enacted by OSHA, ACGIH or NIOSH.

Ventilation

Provide supplementary local ventilation to control airborne levels.

Eye Protection

Use safety glasses if there is a potential for exposure to particles.

Provide eye washer near workplace.

Skin Protection

Clean body-covering clothing should be needed.

Protective Gloves

Wear chemical-resist gloves.

Respiratory Protection

When respiratory protection is required for certain operations, use approved air-purifying respirator.

ACGIH = American Conference of Governmental Industrial Hygienists

NIOSH = National Institute for Occupational Safety and Health

Section 8: Physical and Chemical Properties

Physical state and appearance: Pellet in natural or compounded color

Odor: minimal

Boiling point: Not applicable

Melting point: 96°C

Specific gravity or density: 1.03-1.30

Molecular weight: 60,000-200,000

Chemical formula: (C₈-H₈.C₄-H₄.C₃-H₃-N)_X

Vapor pressure: Not applicable

Vapor density: Not applicable

Solubility: Insoluble

pH: Not applicable

Evaporation rate: Not applicable

Solvent solubility

Soluble: acetone, methyl-ethyl ketone, dichloromethane

Insoluble: alcohol, aliphatic compound solvents, mineral oil

Section 9: Stability and Reactivity Data

Chemical reactivity: stable

Conditions to avoid

Avoid heat, flame, spark and other ignition sources

Avoid contact with incompatible materials

Incompatibility with other materials: Acids, flammable materials, base, halogenic carbon compounds, oxidizing materials

Hazardous decomposition products: Upon heating, cyanides, ammonia, acrylonitrile, styrene, carbon oxides, nitrogen

Hazardous polymerization: Not likely occurs

Section 10: Toxicological Information

Acute oral toxicity: LD50 has not been determined

Acute inhalation toxicity: LC50 has not been determined

Semi-acute toxicity: No relevant information found

Chronic toxicity: No relevant information found

Mutagenicity: No relevant information found

Carcinogenicity: No relevant information found

Other toxicity: No relevant information found

Section 11: Ecological Information

Ecotoxicity: Ecotoxicity in water (LC50): 2160 mg/l 96 hours [Fish (Fathead Minnow)].

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 12: Disposal Considerations

Waste Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations. Avoid release to the environment. Incineration should be done in accordance with prevailing municipal, state, and federal laws and standards from local environmental agencies.

Section 13: Transport Information

U.S. Department of Transportation (D.O.T.) Information: Not regulated as a hazardous material for **transportation**

Canadian TDG Information: Not regulated as a hazardous material for transportation

International Air Transport Association (IATA) Regulation: Not regulated as a hazardous material for transportation

International Maritime Dangerous Goods (IMDG) Code: Not regulated as a hazardous material for transportation

Section 14: Other Regulatory Information

U.S regulations

TSCA: on the list

TSCA 12(b) export notice: not on the list

CERCLA 103 (40 CFR 302.4): on the list

Acrylonitrile: 100 lbs rq

Butadiene, inhibited: 10 lbs rq

Styrene: 1000 lbs rq

SARA 302 (40 CFR 355.30): on the list

Acrylonitrile: 10000 lbs rq

SARA 304 (40 CFR 355.40): on the list

Acrylonitrile: 100 lbs rq

SARA 313 (40 CFR 372.65): not on the list

SARA Hazard Category, SARA 311/312 (40 CFR 370.21): Not to have met any hazard category

OSHA Hazard Communication Standard (29 CFR 1910.119): This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.119

TSCA = Toxic Substance Control Act

CERCLA = Comprehensive Environmental Response, Compensation,
and Liability Act

SARA = Super-fund Amendments and Reauthorization Act

Section 15: Other Information

Created: February 13, 2017

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The information in this Safety Data Sheet (SDS) is provided in good faith and believed to be accurate. This SDS contains a general summary of hazards known to Filabot, but does not purport to describe every hazard that exists. Filabot expects each customer or user of its products (each, a "User") to study this SDS carefully and consult appropriate expertise to become aware of any hazards associated with Filabot products. FILABOT MAKES NO WARRANTY, EXPRESS OR IMPLIED, REGARDING THE INFORMATION CONTAINED HEREIN OR ITS PRODUCTS, INCLUDING BUT NOT LIMITED TO ANY WARRANTY AS TO ACCURACY OR COMPLETENESS OF INFORMATION, OR ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE..