

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier

Product name FC 105 BILLET (2250)

Other means of identification

Common Name 310105580

Supplier SSP Manufacturing, Inc
83 Spring Lane,
Hackettstown, NJ 07840

Recommended use of the chemical and restrictions on use

Uses advised against Consult your supplier if the material is to be used for special applications such as in the food industry or for hygiene, medical or surgical end-use

Details of the supplier of the safe data sheet

Supplier Address

SSP Manufacturing, Inc
83 Spring Lane, Hackettstown, NJ 07840

Emergency Telephone Number

Phone Number: 1-908-852-3125

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label Elements

Emergency Overview

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Appearance Powder

Physical State Solid

Odor Odorless

Eyes Immediately flush eyes with plenty of water for at least 15 minutes

Skin Wash thoroughly after handling and before eating or drinking

Inhalation Move to fresh air in case of accidental inhalation of vapors or decomposition products

Low hazard for usual industrial or commercial handling

Inhalation of dust may cause irritation of the respiratory system

Ingestion If swallowed, seek medical advice immediately and show this container or label

Fire Suitable Extinguishing Media

Spill Sweep up to prevent slipping hazard

Precautionary Statements - Storage

Avoid creating dust

Keep in a dry, cool and well-ventilated place

Precautionary Statements - Disposal

Disposal should be in accordance with applicable regional, national and local laws and regulations

Hazards not otherwise classified

(HNOC)

Not applicable

Other information

May cause respiratory irritation

Unknown acute toxicity 100% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Component Name	CAS No	Weight-%
PTFE	9002-84-0	70 -80
FIBROUS GLASS	65997-17-3	20 -30

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Skin Contact

Wash thoroughly after handling and before eating or drinking.

Inhalation

Move to fresh air in case of accidental inhalation of vapors or decomposition products. Low hazard for usual industrial or commercial handling. Inhalation of dust may cause irritation of the respiratory system.

Eye Contact

Immediately flush eyes with plenty of water for at least 15 minutes.

Ingestion

If swallowed, seek medical advice immediately and show this container or label.

Most important symptoms and effects. both acute and delayed

Symptoms

Treat symptomatically.

Indication of any immediate medical attention and special treatment needed

Personal protective equipment for Use personal protective equipment as required. first aid responders

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical.

Explosive properties

None known.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Specific Methods

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Special protective equipment for firefighters

Use personal protective equipment as required. Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Methods for Containment Sweep up to prevent slipping hazard. Cover powder spill with plastic sheet or tarp to minimize spreading. PPE14 - Use suitable eye protection and gloves. PPE - Face Mask.

Environmental Precautions

Environmental Precautions Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Use appropriate personal protective equipment (PPE). Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid creating dust. Keep in a dry, cool and well-ventilated place.

Handling

Conditions for safe storage. including any incompatibilities

Precautions for safe handling Keep container tightly closed in a cool, well-ventilated place.

Incompatible Materials Reacts with molten alkali metals and finely divided magnesium and aluminum at temperatures above 425 Degrees C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Component Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
PTFE 9002-84-0	-	-	-
FIBROUS GLASS 65997-17-3	-	-	-

Appropriate engineering controls

Engineering Controls Use only in well-ventilated areas. In case of inadequate ventilation wear respiratory protection.

Individual protection measures. such as personal protective equipment

Respiratory Protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Odor

None.

Eye Protection

Wear safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State

Solid

Appearance

Powder

Odor

Odorless

Property

Values

Remarks • Method

ph

No information available

Melting point/freezing point

No information available

Boiling point I boiling range

No information available

Flash Point

No information available

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

Specific Gravity

No information available

Water solubility

No information available

Solubility in other solvents

No information available

Autoignition Temperature

No information available

Kinematic viscosity

No information available

Explosive properties

No information available

Oxidizing properties

No information available

OTHER INFORMATION

Softening point

No information available

Molecular Weight

No information available

VOC Content (%)

No information available

Density

No information available

Bulk Density

No information available

10. STABILITY AND REACTIVITY

Reactivity

Reacts with molten alkali metals and finely divided magnesium and aluminum at temperatures above 425 Degrees C

Chemical stability

Stable under normal conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Avoid overheating to minimize fume production.

Incompatible Materials

Reacts with molten alkali metals and finely divided magnesium and aluminum at temperatures above 425 Degrees C.

Hazardous Decomposition Products

Thermal decomposition of product above 300 degrees (C), can create Carbonyl fluoride, which combines with air and moisture and hydrolyses to Hydrogen Fluoride and Carbon Dioxide. Other PTFE degradation products include; perfluoroisobutylene, tetrafluoroethylene, hexafluoropropylene, carbon monoxide and trifluoromethane.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product information	No Data Available
Inhalation	No Data Available.
Eye Contact	No Data Available.
Skin Contact	No Data Available.
Ingestion	No Data Available.

Component Name	Oral LD50	Dermal LD50	Inhalation LC50
PTFE 9002-84-0	-	-	-
FIBROUS GLASS 65997-17-3	-	-	-

Information on toxicological effects

Symptoms No information available.

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

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity. No information available.

Component Name	ACGIH	IARC	NTP	OSHA
PTFE 9002-84-0	-	Group 3	-	-
FIBROUS GLASS 65997-17-3	-	Group 3	-	-

Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product information

12. ECOLOGICAL INFORMATION

Ecotoxicity

100% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Component Name	Partition Coefficient
PTFE 9002-84-0	-
FIBROUS GLASS 65997-17-3	-

Mobility

Insoluble and sinks in water

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

Component Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
PTFE 9002-84-0	-	-	-	-
FIBROUS GLASS 65997-17-3	-	-	-	-

Component Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
PTFE 9002-84-0	-	-	State and local disposal regulations may differ from federal disposal regulations	-
FIBROUS GLASS 65997-17-3	-	-	State and local disposal regulations may differ from federal disposal regulations	-

Component Name	California Hazardous Waste Status
PTFE 9002-84-0	-
FIBROUS GLASS 65997-17-3	-

14. TRANSPORT INFORMATION

DOT

Not regulated

15. REGULATORY INFORMATION

International inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Does not comply
ENCS	Complies
China inventory of existing chemical substances list	Complies
Inventory - korea - existing and evaluated chemical substances	Complies
ROHS	Complies
REACH	Complies
PICCS	Complies
NICNAS (Australia)	Complies

Legend:

TSCA - United States Toxic Substances Control Act 8(b) inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
ROHS - ROHS List of Substances
REACH - REACH SVHC substances.
PICCS - Philippines inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

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

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Component Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	Clean Water Act – Priority Pollutants	Clean Water Act Hazardous Substances
PTFE 9002-84-0	-	-		
FIBROUS GLASS 65997-17-3	-	-		

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Component Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity RQ
PTFE 9002-84-0	-	-	-
FIBROUS GLASS 65997-17-3	-	-	-

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<u>NFPA Rating</u>	Health Hazards 2	Flammability 1	Instability 0	Physical and chemical properties -
<u>HMIS Rating</u>	Health hazards 2	Flammability 1	Physical Hazards -	Personal Protection E
				x

Revision Date 03/Dec/2014

Revision Note

Disclaimer

The information provided in this Material 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.