



Foundation Foam

Material Safety Data Sheet

106268-0002

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name	Foundation Foam
Chemical Name	Polyurethane Foam
General Use	FDM building foundation
Manufacturer and Address	Stratasys, Inc. 7665 Commerce Way Eden Prairie, MN 55344-2080 USA
Emergency Telephone Number	+1 952-937-3000

2. COMPOSITION, INGREDIENT INFORMATION

This material is available in black and natural. The natural foam is not considered hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR § 1910.1200. The black foam contains less than 1 % carbon black. OSHA and ACGIH exposure limits for this are 3.5mg/M³.

COMPONENT	CAS #	%	OSHA/PEL	ACGIH/TLV
Carbon Black	1333-86-4	<1	N/E	N/E

N/E=Not established

The CAS # for the foundation foam is proprietary.

3. HAZARDS IDENTIFICATION

Emergency Overview	Foam slab
HMIS Ratings	Health: 0 Flammability: 0 Physical Hazard Rating: 0 Reactivity: 0
Inhalation	Foam is chemically inert. Studies show no inhalation problems that are peculiar to polyurethane foam dust.
Eye Contact	Dust may be irritating or cause mechanical injury
Skin Contact	Gloves are not normally necessary
Ingestion	Urethane foams are considered non-toxic on ingestion
Chronic	No data available
Carcinogenicity	No carcinogenic effects

4. EMERGENCY AND FIRST AID MEASURES

Inhalation	Move to fresh air, away from dust
Skin Contact	Wash area with soap and water. Seek medical attention if redness persists.
Eye Contact	Immediately flush eyes with water, holding eyelids apart, for at least 15 minutes. Seek medical attention if not promptly relieved.
Ingestion	No adverse effects are anticipated

5. FIRE-FIGHTING MEASURES & EXPLOSION HAZARD DATA

Flash Point	>600° F (C.O.C)
Autoignition Temperature	Not applicable
Extinguishing Media	Water/fog, CO ₂ , dry chemical foam
Special Fire-Fighting Procedures	Always wear protective breathing apparatus
Unusual Fire and Explosion Hazards	Remove any dust or shavings to a fire-protected container to avoid fire dust explosion potential
Hazardous Decomposition Products	Carbon monoxide, nitrogen oxides, and other polymer fragments that may be present during a fire may be irritating or highly toxic
Lower Flammable Limit	Not applicable
Upper Flammable Limit	Not applicable
Conditions of Flammability	Not applicable
Impact Sensitivity	Not applicable
Static Discharge	No fire or explosion hazards are anticipated from cutting, planning, shaping, routing, or sanding the foam

6. ACCIDENTAL RELEASE MEASURES

General	Not applicable
Specific	Not applicable

7. HANDLING & STORAGE

General	Avoid generating dust
Specific	Store in a cool, dry place

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Ventilation	Local exhaust for dust
Respiratory	Always wear dust masks if sanding or machining
Eye Protection	Always wear appropriate eye protection if sanding or machining
Skin	Gloves are usually not required
Other	Not applicable

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	Solid, black or natural in color
Odor	None
Vapor Pressure (mmHg)	Not applicable
Vapor Density	Not applicable
Melting Point	Not determined
Boiling Point	Not determined
Specific Gravity (Water =1)	.05 to .60
Volatile By Volume (Water)	Not applicable
Solubility In Water	Nil
pH	Not applicable
Octanol/Water Partition Coefficient	Not applicable

10. STABILITY & REACTIVITY

Stability	Stable under normal conditions
Reactivity	Non-reactive
Conditions to Avoid	Properly control dust when sanding or machining
Hazardous Polymerization	Not applicable
Incompatibility	No known incompatibilities
Hazardous Thermal Decomposition Products	Not determined



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11. TOXICOLOGICAL DATA

Eye Irritation	No data available. Not expected to be harmful.
Skin Irritation	No data available. Not expected to be harmful.
Acute Oral	No data available. Not expected to be harmful.
Acute Dermal	No data available. Not expected to be harmful.
Acute Inhalation	No data available. Not expected to be harmful.
Genotoxicity	No data available. Not expected to be harmful.
Subchronic	No data available. Not expected to be harmful.

12. ECOLOGICAL INFORMATION

General	This product is an inert foam. Dispose of in an ordinary landfill.
Fish Toxicity	Not determined
Daphnia Toxicity	Not determined
Bioaccumulation	Not determined

13. DISPOSAL CONSIDERATIONS

Dispose as solid waste in accordance with all federal, state, and local laws and regulations.

14. TRANSPORT INFORMATION (NOT MEANT TO BE ALL-INCLUSIVE)

U.S. Department of Transportation (D.O.T.)	This product is not regulated by D.O.T. when shipped domestically by land
Canadian TDG Information	This product is not regulated by TDG when shipped domestically by land

15. REGULATORY INFORMATION (NOT MEANT TO BE ALL-INCLUSIVE)

TSCA Status

All ingredients used to produce the above material are listed in the TSCA inventory as required by Federal law

Canadian Regulations

The foam is not a controlled product under Canadian regulations for Controlled and Not Controlled Products

16. OTHER INFORMATION

THE INFORMATION contained in the PROCEEDING report is based upon current knowledge, our experience with the product, and is not exhaustive. While not guaranteed, the information presented herein was prepared by a competent, technical professional and is true and accurate to the best of our knowledge. The information applies to product as defined by the specifications. If the product is mixed with other substances, the customer must confirm that no new hazards exist. In all cases, the user is not exempt from following all legal, administrative and regulatory procedures relating to the product, personal hygiene, and the integrity of the work environment. Stratasys® shall not be held liable for any damage resulting from handling or from contact and use with the above product.

Revision History

Revision	Revision Date
106268-0001	2005-05-23
106268-0002	2008-06-20