

Material Safety Data Sheet

GENERAL PLASTICS MANUFACTURING COMPANY



LAST-A-FOAM® FR-7100* Revision 6/10/08

LAST-A-FOAM® FR-7100 is a closed-cell rigid polyurethane foam. All substances used to manufacture LAST-A-FOAM® FR-7100 are listed on the TSCA inventory.

*Last two digits indicate density in pounds/cubic foot

INGREDIENTS

HAZARDOUS INGREDIENTS None

PHYSICAL PROPERTIES

FORM	Cellular Solid
WATER SOLUBILITY	Not soluble
SPECIFIC GRAVITY	.10 to .60
VAPOR PRESSURE	Not applicable

FIRE AND EXPLOSION DATA

FLASH POINT	>600°F, similar to Cleveland Open Cup. This material is flame resistant and self-extinguishing; however, it will burn in the presence of sufficient heat and oxygen.
EXTINGUISHING MEDIA	Dry chemical, carbon dioxide, foam, or water spray
SPECIAL PROCEDURES	During a fire: carbon monoxide, nitrogen oxides and other polymer fragments that may be highly toxic and/or irritating may be present. Self-contained breathing apparatus and full protective gear should be used.

Polyurethane foam dust, like most dusts, can present an explosion risk. However, a dust collection system necessary for a suitable work environment is more than adequate to eliminate this risk. General Plastics Manufacturing Company has used a dust collection system and over many years of experience in cutting, planing, shaping, routing and sanding LAST-A-FOAM® polyurethane foam has never experienced any fire or explosion hazards.

REACTIVITY DATA

INCOMPATIBLE MATERIALS This product is stable. No known incompatibilities.

HEALTH HAZARDS

INGESTION

Urethane foams are considered non-toxic on ingestion

EYE CONTACT

Dust from cutting, machining may irritate the eyes

SKIN CONTACT

See the following section.

INHALATION

LAST-A-FOAM® FR-7100 foams are chemically inert. Foam dust is generated in many operations and a dust collection system is normally used for a suitable work environment. Studies published by Upjohn in the Technical Bulletin No. 107 show no sensitization on skin contact with rigid polyurethane foam dust, and the many years of experience in cutting, planing shaping, routing, and sanding rigid polyurethane foams at **General Plastics Manufacturing Company** is in agreement with these studies. The studies by Upjohn show no inhalation problems which are peculiar to polyurethane foam dust. Normal protective equipment, such as gloves, eye goggles and masks that mechanically filter the dust may be necessary in operations where large amounts of dust are generated.

Note: Tests with Sprague-Dawley rats at 8.65mg/cubic meter of polyurethane dust show no carcinogenic effects.

Medical conditions that may be aggravated by exposure include asthma, bronchitis, emphysema, skin allergies, and eczema.

The possibility exists that individuals who are very sensitive to isocyanates may also be sensitive to the reacted foam. Should this be the case, those individuals need to be assigned to an area which does not have polyurethane foam.

SPILL OR LEAK CLEAN UP

Not applicable

FIRST AID PROCEDURES

SKIN

Wash with soap and water. Seek medical attention if redness persists.

EYES

Immediately flush with plenty of water to remove dust particles. If irritation is severe and/or is not promptly relieved by washing seek medical attention.

INGESTION

Not applicable.

INHALATION

Move to fresh air.

WASTE DISPOSAL

LAST-A-FOAM® FR-7100 is an inert foam which may be disposed of in an ordinary landfill.

SPECIAL PROTECTION INFORMATION

RESPIRATORY

The inhaling of foam dust as with any dust should be avoided. A mechanical dust collection system should be used for cutting or machining operations that generate large quantities of dust. Standard dust or particle masks should be used in a dusty solution.

SKIN

Gloves are not normally necessary.

EYE PROTECTION

Safety glasses or goggles appropriate to cutting or machining operations being performed should be worn.

SPECIAL PRECAUTIONS OR OTHER COMMENTS

HANDLING

Not applicable.

STORAGE

Store in a manner to prevent possible combustion similar to that used for combustible solids, like wood.

TRANSPORTATION DATA

LAST-A-FOAM® FR-7100 is not regulated or classified in a manner that requires special handling or precautions in shipment.

CANADIAN REGULATORY INFORMATION

With respect Canadian regulations for Controlled and Not Controlled Products, **LAST-A-FOAM® FR-7100** is not a Controlled Product.

With respect to the Canadian New Substances Notification Regulation this foam meets the requirements for definition as an article; therefore, **LAST-A-FOAM® FR-7100** is exempt by the provision for an Article Exemption.

This Material Safety Data Sheet prepared by Chem Lab 6/10/05



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