


PRODUCT SAFETY INFORMATION SHEET

This material is exempt from the Hazard Communication Standard since it is produced as an “article” as defined in 20 CFR 1910.1200. An “article” is defined in 1910.1200(c). Under normal conditions of use, this material does not release and will not result in exposure to a hazardous chemical. Therefore, no Safety Data Sheet is required. This data sheet is therefore provided only as a convenience to users of our products

1: IDENTIFICATION

Trade Name: enlighten- Products beginning with the following: U1S, U7S
Chemical Name: Polyurethane Foam
Chemical Family: Polyurethane
Use: Gasketing, sealing, isolation, shock absorption and cushioning

Manufacturer: GRISWOLD LLC
Address: P.O. Box 638
One River Street
Moosup, CT 06354-0638

Phone: 860-564-3321
Fax: 860-564-5690

2: HAZARDS IDENTIFICATION

Hazard Communication Standard: Health 0 Flammability 1 Reactivity 0

Effects of Overexposure: None are expected with normal handling. Cutting, grinding and other finishing operations may generate nuisance dust. As such, proper ventilation and personnel protection measures should be taken to limit exposure to nuisance dusts as defined by OSHA. Hot wire cutting operations may produce toxic fumes.

Skin Contact: Not expected to be a skin hazard
Eye Contact: Dust may cause irritation.
Inhalation: Not expected to be an inhalation hazard
Ingestion: Not expected to be an ingestion hazard

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients: Polyurethane
CAS#: NA
%: < 75

Ingredients: Hydrated Alumina
CAS#: 21645-51-2
%: < 25

3. COMPOSITION/INFORMATION ON INGREDIENTS (cont.)

Ingredients:	Carbon Black (Black material only)
CAS#:	1333-86-4
%:	< 1

4: FIRST AID MEASURES

Eye Contact:	In case of eye contact, immediately rinse with clean water. Obtain medical attention if pain, blinking, tears or redness persists.
Skin Contact:	Not expected to present a significant skin hazard under anticipated conditions of normal use. Wash skin thoroughly with mild soap and water.
Inhalation:	NA
Ingestion:	Ingestion unlikely. However, if ingested, obtain emergency medical attention.

5: FIRE-FIGHTING MEASURES

Extinguishing Media:	Water, Fog, Dry Chemical, Foam, Carbon Dioxide
Special Fire Fighting Procedures:	Wear NIOSH/MSHA approved SCBA and full protective gear as decomposition in fire may produce toxic fumes.
Unusual Fire and Explosion Hazards:	May generate dense smoke in fire situation.
Flash Point:	NA
Lower Explosive Limit:	NA
Upper Explosive Limit:	NA

6: ACCIDENTAL RELEASE MEASURES

Steps to take if Material Released/Spilled:	Clean up while avoiding the creation of nuisance dust. Dispose of according to local, state, and federal regulations.
Neutralizing Agent:	None specified

7: HANDLING AND STORAGE

General Storage Requirements:	Keep away from open flame, electrical or mechanical sparks, electric heaters, high-powered lights, flame sources and flammable liquids and gases.
-------------------------------	---

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:	Wear safety glasses during cutting operations.
Skin Protection:	Not expected to be a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking, and when leaving the work area.
Respiratory Protection:	Wear a suitable dust mask during mechanical cutting operations. The use of hot wire cutting devices requires local exhaust sufficient to prevent exposure to potential toxic fumes that may be generated.
Ventilation:	Use sufficient ventilation to keep dust exposure below the 5-mg/m ³ minimums for a respirable nuisance dust.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid, Semi-Rigid Cellular Polyurethane
Odor:	Slight
pH:	NA
Melting Pt:	NA
Boiling Pt:	NA
Vapor Pressure:	NA
Vapor Density:	NA
Specific Gravity:	0.2 – 0.5
Solubility in Water:	NA

10: STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	NA
Incompatibility:	None known.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition:	Decomposition in fire may produce toxic fumes consisting of carbon monoxide, carbon dioxide, oxides of nitrogen, HCN and other toxic materials.

11: TOXICOLOGICAL INFORMATION

Toxicity:	Inhalation of dust is to be avoided, as it is a mechanical irritant.
Eye Irritant:	Dust exposure may create a mechanical irritant.
Primary Skin Irritation:	Not generally considered a skin irritant.

12: ECOLOGICAL INFORMATION

No information available.

13: DISPOSAL CONSIDERATIONS

Waste Disposal:	Dispose of in accordance with all applicable federal, state and local regulations.
-----------------	--

14: TRANSPORT INFORMATION

Shipping Name:	NA
UN/NA #:	NA
Hazard Class:	NA
Packing Group:	NA
Emergency Response:	NA

15: REGULATORY INFORMATION

REACH:	Material is classified as an "article"
Toxic Chemical Reporting:	No reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372
CERCLA:	NA
SARA TITLE III:	NA
311/312 Hazard Categories:	None

16: OTHER INFORMATION

General Comments: Some of the information presented and conclusions drawn herein are from sources other than direct test data of the material itself.

Disclaimer of Liability: The information in this PSS was obtained from sources, which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the material are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the material.

This PSS was prepared and is to be used only for this material. If the material is used as a component in another material, this PSS information may not be applicable. This document is generated for the purpose of distributing health, safety, and environmental data. It is not a specification sheet nor should any displayed data be construed as a specification. Some of the information presented and conclusions drawn herein are from sources other than direct test data on the material itself.

Prepared By: Art James III
Title: Vice President Polymer Technology
Date: August 16, 2018