



# PRODUCT SAFETY INFORMATION SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

TRADE NAME: PORON Medical® Urethanes  
MATERIAL FAMILY: Cellular Polyurethane Foam  
USE OF ARTICLE: Insulation, Padding  
DATE ISSUED: June 15, 2023  
COMPANY/UNDERTAKING IDENTIFICATION: Rogers Corporation  
245 Woodstock Road  
Woodstock, CT 06281  
Phone: 001-860-928-3622  
Fax: 001-860-928-7843  
Email: msdsinfo@rogerscorporation.com

## 2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL: NE  
LABELING REQUIREMENTS: NE  
EFFECTS OF OVEREXPOSURE: None are expected with normal handling. Cutting and other finishing operations may create polyurethane dust. If an excessive quantity of dust is inhaled, it may cause nasal and respiratory irritation. Ventilation and personal protection should be similar to all operations generating nuisance dust.  
INHALATION: Remove to fresh air-seek medical attention if necessary.  
EYE CONTACT: Dust may cause irritation. Safety glasses are recommended in all industrial operations. Flush eyes with water and seek medical attention.  
SKIN CONTACT: Wash thoroughly with soap and water.  
INGESTION: None known.  
CHRONIC: None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is produced as an “article” as defined in 29 CFR 1910.1200 and REGULATION (EC) N° 1907/2006 is therefore exempt from the Hazard Communication Standard and REACH. Since this material does not release and will not result in exposure to a hazardous chemical under normal conditions of use, no Safety Data Sheet is required.

### Material Type

Polyurethane Foam 100%

<u>Ingredients</u>	<u>CAS No.</u>	<u>EINECS /ELINCS</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>China OEL</u>
Polyurethane Foam	9009-54-4	NE	>73	NE	NE	NE

Alumina Trihydrate	21645-51-2	244-492-7	<16	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> (as al)	NA
Titanium Oxide	13463-67-7	236-675-7	<12	15 mg/m <sup>3</sup> (Total Dust)	10 mg/m <sup>3</sup>	NA
Silicon Dioxide	7631-86-9	231-545-4	<1	<u>5 mg/m<sup>3</sup></u> (resp.)	3 mg/m <sup>3</sup> (Resp)	NA

#### 4. FIRST-AID MEASURES

INHALATION:	Remove to fresh air. Obtain medical attention if symptoms persist.
EYE CONTACT:	Flush eyes with large amounts of water for 15 to 20 minutes. Obtain medical attention if symptoms persist.
SKIN CONTACT:	Immediately take off all contaminated clothing and flush area with water for 15 to 20 minutes. Obtain medical attention if symptoms persist.
INGESTION:	NA

#### 5. FIRE-FIGHTING MEASURES

FLASH POINT:	NE °C (°F)	Flammable Limits:	LEL	<u>NA</u>	UEL	<u>NA</u>
AUTOIGNITION TEMPERATURE:	NE °C (°F)					
EXTINGUISHING MEDIA:	<u>X</u> Water Spray	<u>X</u> Foam	<u>X</u>	CO <sub>2</sub>		
	<u>X</u> Dry Chemical	<u>X</u> Other –				
SPECIAL FIRE FIGHTING PROCEDURES:	Decomposition in a fire may produce toxic fumes. Firefighters should be equipped with self-contained breathing apparatus.					
UNUSUAL FIRE AND EXPLOSION HAZARDS:	May release hazardous vapors during a fire.					

#### 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	None needed.
ENVIRONMENTAL PRECAUTIONS:	None needed.
CLEANING METHODS:	Sweep or shovel into appropriate container for disposal. Avoid creation of nuisance dust.

#### 7. HANDLING AND STORAGE

HANDLING:	Hot wire cutting operations should be exhausted to prevent exposure to irritating vapors. Wear suitable protective equipment, refer to Section 8.
STORAGE:	Keep in a cool, well-ventilated area.

#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION:	None needed under normal conditions. If material is heated and odors are noticeable and/or irritating a respirator, meeting NIOSH requirements, should be used. A qualified individual should evaluate each situation.
<u>VENTILATION</u> LOCAL:	Recommended for all industrial operations.

GENERAL:  
PERSONAL PROTECTION

Recommended for all industrial operations.

HAND:  
EYE:  
SKIN:  
OTHER:

Gloves to avoid skin contact if desired.  
Safety glasses with side-shields are recommended in all industrial operations  
None required.  
Safety shower/eyewash in the area.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: Cellular Urethane Foam Roll or Sheet (Various Colors Available)  
ODOR: Slight, Characteristic  
PHYSICAL STATE: Solid  
BOILING POINT: NA °C (°F)  
MELTING POINT: NE °C (°F)  
FREEZING POINT: NA °C (°F)  
FLASH POINT: NE °C (°F)  
WATER SOLUBILITY: In-Soluble  
VAPOR DENSITY: NA  
VAPOR PRESSURE: NA  
SPECIFIC GRAVITY: 0.2-0.53 (Water = 1)  
PARTITION COEFFICIENT: NA  
EVAPORATION RATE: NA  
RELATIVE DENSITY: NA  
VISCOSITY: NA  
AUTO-IGNITION TEMPERATURE: NA °C (°F)  
DECOMPOSITION TEMPERATURE: NA °C (°F)  
PH: NA  
FLAMMABILITY: NA

**10. STABILITY AND REACTIVITY**

STABLE  X  UNSTABLE \_\_\_\_\_  
CONDITIONS TO AVOID: Heat, high temperatures.  
MATERIALS TO AVOID: Acids, bases, and oxidizers.  
HAZARDOUS POLYMERIZATION: \_\_\_\_\_ May Occur  X  Does Not Occur  
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO<sub>2</sub>, Oxides of nitrogen, HCN, and traces of incompletely burned carbon compounds.

**11. TOXICOLOGICAL INFORMATION**

CARCINOGENIC STATUS: NA

**12. ECOLOGICAL INFORMATION**

ECOTOXICITY: NA

**13. DISPOSAL CONSIDERATION**

PHYSICAL/CHEMICAL PROPERTIES AFFECTING DISPOSAL: None  
ENVIRONMENTAL TOXICITY DATA: NA  
WASTE DISPOSAL METHOD: Dispose of in accordance with applicable federal, state, provincial, and local laws and regulations.

## 14. TRANSPORT INFORMATION

UN NUMBER:	Not Regulated
UN PROPER SHIPPING NAME:	Not Regulated
HAZARD CLASS (ES):	Not Regulated
PACKING GROUP:	Not Regulated
ENVIRONMENTAL HAZARDS:	NE

## 15. REGULATORY INFORMATION

INTERNATIONAL REGULATIONS:	
Canadian (DSL/NDSL):	Listed
Australian (ACIS):	NE
Korea (KECI):	NE
Japan (ENCS, MITI):	NE
REACH Directive	Material is Classified as an Article
China (SEPA)	Article - exempt
EU Directive 2011/95/EC (RoHS):	Does not contain any intentionally added substances mentioned by the RoHS directive.
TSCA ( <i>Toxic Substances Control Act</i> ):	All materials are listed or exempt from TSCA listing.
CERCLA ( <i>Comprehensive Emergency Response, Compensation, and Liability Act</i> ):	NA
SARA TITLE III ( <i>Superfund Amendments and Reauthorization Act</i> ):	NA
311/312 HAZARD CATEGORIES:	None

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
3264-82-2	Nickel Compound	<2

## 16. OTHER INFORMATION

NA = Not Applicable  
NE = Not Established  
NC = Not Classified

FILE: 99176--Poron Medical Urethanes PSIS-06152023.doc

PREPARED BY: Corporate EHS  
REVIEWED BY: EHS Engineering

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULT TO BE OBTAINED FROM THE USE THEREOF.

ROGERS CORPORATION ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO VENDEES, USERS OR THIRD PARTIES CAUSED BY THE MATERIAL. SUCH VENDEES OR USERS ASSUME ALL RISKS ASSOCIATED WITH THE USE OF THE MATERIAL.