

## PRODUCT SAFETY INFORMATION SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME:	PORON® ReSource RSF45
CHEMICAL FAMILY:	Urethane Polymer
HMIS RATING:	H 0            F 1            R 0
USE OF MATERIAL	Gasket material in cell phones and other handheld electronics, cushioning layer (insoles, etc.) in footwear and apparel.
DATE PREPARED:	12/16/2010
COMPANY/UNDERTAKING IDENTIFICATION:	Rogers Corporation 245 Woodstock Road Woodstock, CT 06281-0188 Phone: 001-860-928-3622 Fax: 001-860-928-7843 Email: MSDSINFO@Rogerscorporation.com
CHEMTREC:	800-424-9300 (U.S. & Canada) (24 Hours) 001-703-527-3887 (International – Call Collect) (24 Hours)

### 2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL:	NA
LABELING REQUIREMENTS:	NA
EFFECTS OF OVEREXPOSURE:	None are expected with normal handling. Cutting and other finishing operations may create polyurethane dust. Ventilation and personnel protection should be similar to all operations generating nuisance dust.
INHALATION:	Remove to fresh air and seek medical attention if necessary.
EYE CONTACT:	Irritation may occur during grinding operation that creates dust. Flush eyes with water and seek medical attention in necessary.
SKIN CONTACT:	May cause irritation to sensitive people. Wash thoroughly with soap and water.
INGESTION:	None known.
CHRONIC:	None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EINECS /ELINCS</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>China OEL</u>	<u>EU Classification</u>
Alumina Hydroxide	21645-51-2	244-492-7	<8.0	15 mg/m <sup>3</sup> (Dust.)	10 mg/m <sup>3</sup> (as AL)	NE	NC according to 67/548/EEC
Silicon Dioxide-Amorphous- *Respirable Dust	7631-86-9	231-545-4	<1.0	5 mg/m <sup>3</sup> (Resp.)	3 mg/m <sup>3</sup> (Resp.)	NE	NC according to 67/548/EEC

This material is produced as an "article" as defined in 20 CFR 1910.1200 and is therefore exempt from the Hazard Communication Standard. Since this material does not release chemicals and will not result in exposure to a hazardous chemical under normal conditions of use, no Material Data Sheet is required. This form is provided as a convenience to our customers. The material contains no other hazardous ingredients as defined in OSHA's Hazard Communication Standard 29 CFR 1910.1200 or EU directive 1999/45/EC, and do not present a health or environmental hazard according to directive 67/548/EC.

### 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:	NA	Flammable Limits:	<u>LEL</u>	NA	<u>UEL</u>	NA
AUTOIGNITION TEMPERATURE:	NA					
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 and turnout gear.					
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Polyurethane materials may generate dense smoke in a fire.					

### 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	None needed.
ENVIRONMENTAL PRECAUTIONS:	Prevent from entering sewer system, surface water, or soil.
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 container tightly closed in a cool, well-ventilated area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: None needed under normal conditions. If material is ground or sanded and a dust is created a dust mask should be worn.

### VENTILATION

LOCAL: Recommended for all industrial operations.  
GENERAL: Recommended for all industrial operations.

### PERSONAL PROTECTION

HAND: Gloves to avoid skin contact if desired.  
EYE: Safety glasses with side shields are recommended in all industrial operations.  
SKIN: Wear Impervious Clothing.  
OTHER: Safety shower / eyewash in the area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Sheet or Roll of Various Colors.  
ODOR: NA  
PHYSICAL STATE: Solid  
BOILING POINT: NA  
MELTING POINT: NA  
FREEZING POINT: NA  
WATER SOLUBILITY: NA  
VAPOR PRESSURE: NA  
SPECIFIC GRAVITY: NA  
PARTITION COEFFICIENT: NA  
EXPLOSIVE PROPERTIES: NA  
EVAPORATION RATE: NA  
DENSITY: NA  
VISCOSITY: NA  
IGNITION TEMPERATURE: NA  
PH: NA  
FLAMMABILITY: NA  
OXIDIZING PROPERTIES: NA

## 10. STABILITY AND REACTIVITY

| STABLE  UNSTABLE

CONDITIONS TO AVOID: NE

MATERIALS TO AVOID: NE

HAZARDOUS POLYMERIZATION:  May Occur  Does Not Occur

HAZARDOUS DECOMPOSITION PRODUCTS:

## 11. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS: NA  
ACUTE/CHRONIC: NA  
REPRODUCTIVE HAZARDS: NA

## 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL TOXICITY DATA: NA

## 13. DISPOSAL CONSIDERATION

PHYSICAL/CHEMICAL PROPERTIES None

AFFECTING DISPOSAL:

WASTE DISPOSAL METHOD: Dispose of in accordance with applicable, federal, state, provincial, and local laws and regulations.

CONTAINER DISPOSAL: NA

## 14. TRANSPORT INFORMATION

UN NUMBER: Not Regulated

UN PROPER SHIPPING NAME: Not Regulated

HAZARD CLASS (ES): Not Regulated

PACKING GROUP: Not Regulated

ENVIRONMENTAL HAZARDS: Not Regulated

## 15. REGULATORY INFORMATION

INTERNATIONAL REGULATIONS:

Canadian (DSL/NDL): NE

Australian (ACIS): NE

Korea (KECI): NE

Japan (ENCS, MITI): NE

China (SEPA): NE

REACH Directive This material is considered an Article under the REACH Directive.

EU Directive 2002/95/EC (RoHS): Does not contain any intentionally added substances mentioned by the RoHS directive.

European:

Symbol Not classified according to directive 1999/45/EC (dangerous preparations).

R-Phase(s): NA

S-Phase(s): NA

TSCA All materials are listed or exempt from TSCA listing.

(Toxic Substances Control Act):

CERCLA NA

(Comprehensive Emergency Response, Compensation, and Liability Act):

SARA TITLE III NA

(Superfund Amendments and Reauthorization Act):

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:

CAS #

NA

CHEMICAL NAME

NA

PERCENT BY WEIGHT

NA

## 16. OTHER INFORMATION

NA = Not Applicable

NE = Not Established

File: 99284-Poron® ReSource  
RSF45-12172010.doc

NC = Not Classified

Review Date: 12/17/10

PREPARED BY: Mark E. Rabon

Section Modified:

REVIEWED BY: Michal Werbecki

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