



PRODUCT SAFETY INFORMATION SHEET

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

TRADE NAME: PORON® AquaPro 37

HMIS RATING: H 0 F 1 R 0

USE OF ARTICLE: Insulation, Gasket and Padding

DATE ISSUED: October 28, 2014

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. Ventilation and personnel protection should be similar to all operations generating nuisance dust.

INHALATION: Dust may cause respiratory irritation. Remove to fresh air and seek medical attention if necessary.

EYE CONTACT: Dust may cause irritation. Flush eyes with water and seek medical attention if necessary.

SKIN CONTACT: Dust may cause irritation. Wash thoroughly with soap and water.

INGESTION: None known.

CHRONIC: IARC has listed carbon black as a Class 2B suspected human carcinogen based on tests with laboratory animals.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is produced as an "article" as defined in 20 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.

| <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> |
|----------------------|----------------|---------------------------|----------|--------------------------|----------------------|----------------------|--------------------------------|
| Polyurethane Foam | NA | NA | >80% | NE | NE | NE | Not Classified Under 67/548/EC |
| Alumina Trihydrate | 21645-51-2 | 244-492-7 | <20% | 15 mg/m3 (Total Dust) | 10 mg/m3 (as AL) | NE | NC According to 67/548/EC |
| Carbon Black | 1333-86-4 | 215-609-9 | <1 | 3.5 mg/m3 | 3.5 mg/m3 | NE | NC According to 67/548/EEC |

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: | 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 ₂ | | |
| | <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: | 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 CONTROLS/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: | Recommended for all industrial operations. |
| <u>PERSONAL PROTECTION</u> | |
| HAND: | Gloves to avoid skin contact if desired. |
| EYE: | Safety glasses with side-shields are recommended in all industrial operations. |
| SKIN: | None required. |
| OTHER: | Safety shower/eyewash in the area. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|---|
| APPEARANCE: | Solid, Cellular Urethane Foam Roll or Sheet |
| ODOR: | Slight Odor |
| 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: | 0.19-0.26 (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 | <input checked="" type="checkbox"/> | UNSTABLE | <input type="checkbox"/> |
| CONDITIONS TO AVOID: | | NE | |
| MATERIALS TO AVOID: | | NE | |
| HAZARDOUS POLYMERIZATION: | | <input type="checkbox"/> May Occur | <input checked="" type="checkbox"/> Does Not Occur |
| HAZARDOUS DECOMPOSITION PRODUCTS: | | CO, CO ₂ , Oxides of nitrogen, HCN, and traces of incompletely burned carbon compounds. | |

11. TOXICOLOGICAL INFORMATION

| | |
|----------------------|---|
| CARCINOGENIC STATUS: | IARC has listed carbon black as a Class 2B suspected human carcinogen based on tests with laboratory animals. |
|----------------------|---|

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 |
| China (IECSC) | Article - exempt |
| EU Directive 2011/65/EC (RoHS): | Does not contain any intentionally added substances mentioned by the RoHS directive. |
| European: Symbol | Not classified according to directive 1999/45/EC & 2001/60/EC (dangerous preparations). |
| R-Phase(s): | NA |
| S-Phase(s): | NA |
| 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:

CAS #
NA

CHEMICAL NAME
NA

PERCENT BY WEIGHT
NA

16. OTHER INFORMATION

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

FILE: 99355 Poron AquaPro 37 PSIS 10232014.doc

PREPARED BY: Michal Werbecki
REVIEWED BY: Curtis Kempton

Date Prepared: 10/28/2014

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.