



One Technology Drive/ P.O. Box 188 /Rogers, CT 06263-0188 / 860.774.9605

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: PORON® ThinStik™ 92-12
Self Adhesive Microcellular Polyurethane Material 4790-92TS1

CHEMICAL FAMILY: Urethane Polymer

HMIS RATING: H 1 F 1 R 0

USE OF MATERIAL: Gasket and Padding

DATE ISSUED: 10/16/2008

EMERGENCY PHONE: 860-774-9605 (Monday – Friday 8 a.m. – 5 p.m. EST)

CHEMTREC: 800-424-9300 (U.S. & Canada) (24 Hours)
703-527-3887 (International – Call Collect) (24 Hours)

2. 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 Trihydrate	21645-51-2	244-492-7	<15	15 mg/m ³ (Total Dust)	10 mg/m ³ (AS AL)	NE	Not Classified Under 67/548/EC
Poly Urethane Foam	Proprietary	Proprietary	Various	NE	NE	NE	Not Classified Under 67/548/EC
PET	Proprietary	Proprietary	Various	NE	NE	NE	Not Classified Under 67/548/EC
Proprietary Modified Acrylic Adhesive Mixture	Proprietary	Proprietary	Various	NE	NE	NE	Not Classified Under 67/548/EC

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.

3. 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: None Known

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 NA UEL NA
AUTOIGNITION TEMPERATURE: NE °C (°F)

EXTINGUISHING MEDIA: X Water Spray X Foam X CO₂
X Dry Chemical X 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: None Known

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. ENGINEERING 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.

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: None Required
OTHER: Safety shower/eyewash in the area.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Cellular Urethane Foam Roll or Sheet (Various Colors)
ODOR: 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: Soluble
VAPOR DENSITY: NA
VAPOR PRESSURE: NA
SPECIFIC GRAVITY: NE (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 UNSTABLE

CONDITIONS TO AVOID: NE
MATERIALS TO AVOID: NE
HAZARDOUS POLYMERIZATION: May Occur Does Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, 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
China (SEPA): Listed
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 67/548/EEC (dangerous substances) and 1999/45/EC (dangerous preparations).

R-Phase(s): NA
S-Phase(s): NA

TSCA
(Toxic Substances Control Act): All materials are listed or exempt from TSCA listing.

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

SARA TITLE III
(Superfund Amendments and Reauthorization Act): 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>
NA	NA	NA

16. OTHER INFORMATION

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

FILE: Poron Thinstik 92-12
99228

PREPARED BY: Michal Werbecki
REVIEWED BY: Michal Werbecki

Date Prepared: 10/16/2008

REVISION ITEMS & DATE:

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. MSDS HAS BEEN PREPARED IN ACCORDANCE WITH ANSI STANDARD Z400.1-2004, AND EU DIRECTIVE 2001/58/EC.