

# MATERIAL SAFETY DATA SHEET

Date of Issue: 17th.May 1994  
Data Sheet Ref:

## **1. Product Identification**

**PORON 4000 & 94 CUSHION INSOLE MATERIAL**      Chemical Family: Urethane

## **2. Hazardous Ingredients**

There are no hazardous ingredients as defined in OSHA 1910.1200. This product should NOT be considered hazardous. It is inert and non-toxic in normal handling conditions.  
PORON – Grades 4000 & 94 contain no toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-know Act of 1996 and of 40 CFR 372.

## **3. Physical Data**

|                            |                           |
|----------------------------|---------------------------|
| Physical State             | Solid                     |
| Boiling Point              | Not applicable            |
| Vapour Pressure @ 20 Deg.C | N/A                       |
| Vapour Density             | N/A                       |
| Percentage Volatiles       | Less than 0.5%            |
| Appearance                 | Grey                      |
| Solubility in Water        | Negligible                |
| Specific Gravity           | 0.2 - 0.53 grammes / c.c. |
| Evaporation Rate           | N/A                       |
| pH                         | N/A                       |
| Odour                      | None                      |

## **4. Fire and Explosion Hazard Data**

|                                  |  |
|----------------------------------|--|
| Auto Ignition Temperature        | Not Applicable.  |
| Extinguishing Media              | Water, Carbon Dioxide, Dry Foam  |
| Special Fire Fighting Procedures | Standard Procedure for Class A Fires,<br>(Use self-contained breathing apparatus)  |
| Unusual Fire & Explosion Hazards | Polyurethane materials may generate<br>dense smoke in a fire   |
| Hazardous products of Combustion | Carbon Monoxide, Carbon Dioxide, Oxides<br>of Nitrogen, Hydro-Cyanic Acid, and traces<br>of incompletely burned carbon compounds |

## **5. Health Hazard Data**

|                                  |   |
|----------------------------------|---|
| Effects of over exposure         | None are expected with normal handling.<br>Cutting and grinding may produce<br>nuisance dust. |
| Threshold Limit Value            | Not established   |
| Emergency & First Aid Procedures | Seek Medical Attention if necessary   |
| Inhalation:                      | Remove to fresh air.  |
| Eye Contact:                     | Flush with Water  |
| Skin Contact:                    | Wash with Soap & Water  |
| Ingestion:                       | Not applicable  |

|                                  |                                     |
|----------------------------------|-------------------------------------|
| Threshold Limit Value            | Not established                     |
| Emergency & First Aid Procedures | Seek Medical Attention if necessary |
| Inhalation:                      | Not applicable                      |
| Eye Contact:                     | Not applicable                      |
| Skin Contact:                    | Not applicable                      |
| Ingestion:                       | Not applicable                      |

**6. REACTIVITY DATA**

|                                      |  |
|--------------------------------------|--|
| Stability Conditions to Avoid        | None                                   |
| Incompatibility (Materials to Avoid) | Avoid contact with concentrated acids. |
| Hazardous Polymerisation             | Will not occur.                        |

**7. SPILL OR LEAK PROCEDURES**

STEPS to be taken if material is released or spilled: Not applicable

**WASTE DISPOSAL METHOD:**

Is recommended.

Disposal must be done in accordance with relevant regulation. Sanitary landfill

**8. SPECIAL PROTECTION INFORMATION**

Appropriate Hygienic Practices

Avoid breathing dust when grinding.  
Wash thoroughly after handling and before eating, drinking or smoking.  
Remove contaminated clothing and clean before reuse.

Personal Protective Equipment

When processing (e.g. Cutting, grinding), wear appropriate dust mask, impervious gloves, Safety Glasses and appropriate protective clothing.

Engineering Controls

Adequate ventilation should be provided during processing.

**9. LABELLING (CPL REGULATIONS 1984)**

Not Classified

**10. STORAGE**

Store in a dry place at a temperature between 5 Deg.C. and 27 Deg.C. Store away from Heat and Foodstuffs. Store out of Direct Sunlight. As with most materials, off-cuts and discarded wastes should not be allowed to accumulate in loose piles. Good housekeeping practices are always important.

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The information contained herein is furnished without warranty of any kind. Product users should make independent judgements of suitability of this information to ensure proper use and protect the Health & Safety of employees.  
Before using any product, the label should be carefully read and current literature and information relating to the product consulted.