

## 1. Identification

Product Identifier: Rebonded Rubber

Manufacturer:

Hohmann & Barnard, Inc.  
30 Rasons Court  
Hauppauge, NY 11788  
(631) 234-0600  
www.h-b.com

Telephone Numbers

During normal business hours call: (800) 645-0616  
24-hour emergency call Chemtrec: (800) 255-3924

## 2. Hazards Identification

**Toxicity:** Rebonded Rubber is chemically unreactive. It is considered an article under the definition of the OSHA hazardous communication standard (29CFR 1910, 1200) and therefore is exempt, from the requirements of the material safety data sheets and labeling.

**Inhalation:** Not normally a concern.

**Ingestion:** Not normally a concern but ingestion should be avoided as some flame retardant grades containing additives could be harmful if swallowed.

**Physical Contact:** Not normally a concern; however particles of foam may cause eye irritation and under rare circumstances can be abrasive to skin.

## 3. Composition/Information on Ingredients

This data sheet provides guidance on the storage, handling and processing of Rebonded Rubber produced by HOHMANN & BARNARD, INC. Rebonded Rubber is a cellular product, both open cell and closed cell, made from a variety of hydrocarbon polymers such as: **Neoprene, SBR, EPDM, Polyethylene, EVA, Nitrile, PVC.**

For the purpose of this data sheet there is no essential difference in the hazards associated with any of the above listed materials.

## 4. First-Aid Measures

No data found.

## 5. Fire-fighting measures

**Flammable Limits:** No data found.

**Flash Point:** No data found.

**Extinguishing Media:** No data found.

**Unusual Fire or Explosion Hazards:** Decomposition of Rebonded Rubber will occur at about 300°C. Above this temperature Rebonded Rubber will pyrolyse oxidatively to produce carbon monoxide and water plus small amounts of various hydrocarbons and aldehydes. The evolved gases may ignite, and if they do they will provide heat of combustion pyrolysing more foam and any other material in the vicinity. Under flaming conditions the main combustion products are carbon dioxide and water(2), although if insufficient oxygen is present, or when the flame is extinguished, the smoke may contain appreciable quantities of carbon monoxide, acrolein and other aldehydes. Burning can be accompanied by the release of flaming molten droplets of polymer which could ignite adjacent flammable materials.

Some flame retardant grades contain toxic additives designed to reduce the ignitability and flame spread from small heat sources. In a full-scale fire these materials can burn to give dense black smoke and acrid fumes. These comments can only be of a general nature since the conditions of a real fire cannot be fully predicted.

**Hazardous Combustion Products:** See Section 10 for a list of hazardous decomposition products for this mixture.

**Special Procedures:** No data found.

**6. Accidental release measures**

No data found.

**7. Handling and storage**

**Handling Precautions:** No data found.

**Storage:** No data found.

**Regulatory Requirements:** No data found.

**8. Exposure Control and Personal Protection**

No data found.

**9. Physical and chemical properties**

No data found.

**10. Stability and reactivity**

**Stability:** No data found.

**Incompatibility:** No data found.

**Conditions of Reactivity:** Unreactive.

**Hazardous Decomposition Products:** Will occur at about 300°C. Above this temperature Rebonded Rubber will pyrolyse oxidatively to produce carbon monoxide and water plus small amounts of various hydrocarbons and aldehydes. The evolved gases may ignite, and if they do they will provide heat of combustion pyrolysing more foam and any other material in the vicinity.

**11. Toxicological information**

Chemically unreactive under normal conditions. Some flame retardant grades contain toxic additives designed to reduce the ignitability and flame spread from small heat sources. In a full-scale fire these materials can burn to give dense black smoke and acrid fumes. These comments can only be of a general nature since the conditions of a real fire cannot be fully predicted.

**12. Ecological Information**

No data found.

**13. Disposal Considerations**

Should be done in accordance with any applicable federal, state or local ordinances with regards to polymeric waste.

**14. Transport information**

No data found.

**15. Regulatory Information**

No data found.

**16. Other information**

Issue Date: May 31, 2015

Revision Date: May 31, 2015

Disclaimer: All information, recommendations, and suggestions appearing herein concerning this product are taken from sources or based upon data believed to be reliable. Although reasonable care has been taken in the preparation of this information, Hohmann & Barnard extends no warranties or guarantees, express or implied, makes no representations, and assumes no responsibility as to the accuracy, reliability or completeness of the information presented. Since the actual use of the product described herein is beyond our control, POSCO assumes no liability arising out of the use of the product by others. It is the user's responsibility to determine the suitability of the information presented herein, to assess the safety and toxicity of the product under their own conditions of use, and to comply with all applicable laws and regulations. Appropriate warnings and safe handling procedures should be provided to handlers and users.

