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# Sandell® Rebonded Rubber

## Material Safety Data Sheet

### Product Name:

### Sandell®'s Rebonded Sponge Rubber

### Introduction:

This data sheet provides guidance on the storage, handling and processing of Sandell®'s Rebonded Sponge Rubber. Sandell®'s Rebonded Sponge Rubber is a cellular product, made from a variety of hydrocarbon polymers such as --- Neoprene --- SBR --- EPDM --- Polyethylene --- EVA --- Nitrile --- and PVC.

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

### Potential Hazards

### Toxicity:

Sandell®'s Rebonded Sponge Rubber is chemically unreactive. Considered articles under the definition of the OSHA hazardous communication standard (29CFR 1910, 1200) are exempt from the requirements of the material safety data sheets and labeling. The following information is supplied not withstanding the above.

### Inhalation - (Fume Evolution):

There is no release of any noxious fumes from Sandell®'s Rebonded Sponge Rubber at ambient temperature.

### Ingestion:

Ingestion of Sandell®'s Rebonded Sponge Rubber should be avoided even though the material is inert and can be regarded as toxicologically harmless except for some flame retardant grades containing additives which could be harmful if swallowed.

### Physical Contact:

Sandell®'s Rebonded Sponge Rubber is not considered to be a skin irritant but under some circumstances can have a minor abrasive effect on skin. Particles may cause physical irritation if they get into eyes.

### Fire, Ignition and Burning Characteristics:

Decomposition of Sandell®'s Rebonded Sponge Rubber will occur at about 300° C. Above this temperature Sandell®'s Rebonded Sponge 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 any other material in the vicinity.

Under flaming conditions the main combustion products are carbon dioxide and water, 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.

### Waste Disposal:

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

### Disclaimer:

Sandell® Manufacturing Co., Inc. makes no representation or warranty with respect to the information in this Material Safety Data Sheet. The information is however, as of this date provided, true and accurate to the best of Sandell®'s knowledge. This list of information is not intended to be all inclusive. Actual conditions of use and handling may require considerations of information other than that which is provided herein.