

**POLYDECK<sup>®</sup> MATERIAL SAFETY DATA SHEET****SECTION I – PRODUCT ID****Product Name:** Standard 85 Durometer Polyurethane**Material Uses:** Thermoplastic polyurethane**SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS****Substance/Preparation:**

To present knowledge of this supplier, this product does not contain any hazardous ingredients in accordance to EU regulations or National regulations.

**SECTION III – HAZARDS IDENTIFICATION****Emergency Overview:****Appearance:** Solid**Potential Acute Health Effects:****Eyes** – Unlikely to cause harmful effects under normal conditions of handling and use.**Skin** – Unlikely to cause harmful effects under normal conditions of handling and use.**Potential Chronic Health Effects:****Skin** – Repeated or prolonged exposure is not known to aggravate medical condition.**SECTION IV – FIRST AID MEASURES****Inhalation** – This is not thought to be a risk under normal conditions of handling and use. Get medical attention if symptoms appear.**Ingestion** – This is not thought to be a risk under normal conditions of handling and use. Get medical attention if symptoms appear.**Skin contact** – Molten material can cause severe burns. Do NOT try to peel molten polymer from skin. Cool rapidly with water. Wash with soap and water. Cold water may be used. Obtain medical attention if symptoms occur.**Eye contact** – Particles or fibers may cause slight discomfort similar to getting dust in the eye.**Further medical treatment** – Symptomatic treatment and supportive therapy as indicated. Following severe exposure the patient should be kept under medical review for at least 48 hours.**SECTION V – FIRE FIGHTING MEASURES****Extinguishing media suitable** – SMALL FIRE: Use DRY chemical powder

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

**Hazardous thermal (de)composition products:** These products are carbon oxides (CO, CO<sub>2</sub>)**Special fire-fighting procedures:** Firefighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.**Protection of fire-fighters:** Be sure to use an approved/certified respirator or equivalent.**SECTION VI – ACCIDENTAL RELEASE MEASURES****Personal Precautions:** Lab coat. Impervious glove. Safety glasses**Environmental precautions and cleanup methods:** Use a shovel to put the material into a convenient waste disposal container. Hazard of slipping on spilled product.**SECTION VII – HANDLING AND STORAGE****Handling:** Do not ingest. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering measures:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

### Personal protective equipment

**Respiratory System:** Wear appropriate respirator when ventilation is inadequate.

**Skin and body:** Lab coat

**Hands:** Impervious gloves

**Eyes:** Safety glasses

## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Solid (Solid.)

**Odor:** Not available

**pH:** Not available

**Boiling point:** Not available

**Melting point:** Not available

**Flash point:** Not applicable

**Explosive properties:** Not available

**Vapor pressure:** Not available

**Octanol/water partition coefficient:** Not available

## SECTION X – STABILITY AND REACTIVITY

**Stability:** This product is stable

**Materials to avoid:** Slightly reactive to reactive with oxidizing agents, alkalis.

## SECTION X1 – TOXICOLOGICAL INFORMATION

### **Local effects**

**Chronic toxicity:** Repeated or prolonged exposure is not known to aggravate medical condition.

## SECTION X11 – ECOLOGICAL INFORMATION

No information available

## SECTION XIII – DISPOSAL INFORMATION

**Methods of disposal/Waste of Residues/Contaminated packaging:** The generation of waste should be avoided or minimized wherever possible. Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

**European Waste Catalog (EWC):** The relevant EU Directives and local, regional and national regulations must be complied with. It is among the tasks of the end user to assign the waste to waste codes specific to industrial sectors and processes according to the European Waste catalog. It is recommended that the details be sorted out with the waste disposer responsible.

## SECTION XIV – TRANSPORT INFORMATION

### International transport regulations:

Land – Road/Railway: Not regulated

Sea: Not regulated

Air: Not regulated

## **SECTION XV – REGULATORY INFORMATION**

### **EU Regulations:**

#### **Risk Phrases:**

This products is not classified according to the EU regulations.

## **SECTION XVI – OTHER INFORMATION**

### **Full text of R-Phrases with no. appearing in Section 2 – United Kingdom (UK)**

### **Text of classifications appearing in Section 2 – United Kingdom (UK):**

#### **HISTORY**

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#### **Notice to Reader:**

While the information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.

IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.

THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION, WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

Hazards, toxicity and behavior of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behavior should be determined by the user and made known to handlers, processors and end users.