MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT ID

Product Name: Standard 85 Durometer Polyurethane
Material Uses: Thermoplastic polyuethane

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 INDENTIFICATION

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 peal 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 sever 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, CO2)
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

Date of printing: 15 Jan 2004
Date of issue: 15 January 2004
Date of previous issue: No Previous Validation
Version: 2

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 RESPONSBILITY 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.