**Safety Data Sheet (SDS)**

**Plastazote® Foam LD Black**

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

1.1 Product:

 Plastazote Foam - LD Black (All densities)

1.2 Company Name:

 Acor Orthopaedic, Inc.

 18530 South Miles Parkway

 Cleveland, OH 44128

 216-662-4500

1.3 Emergency Contact:

 Safety Advisor

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name CAS No. % by Wt.

Polyethylene (9002-88-44) 89-100

Carbon Black (1333-86-4) 1-2

**3. HAZARDS IDENTIFICATION**

In the event of a fire, decomposition products may include acrolein and other aldehydes.

May generate static electricity.

**4. FIRST AID MEASURES**

Inhalation: No hazard in normal use

Skin Contact: No hazard in normal use

Eye Contact: Wash with water

Ingestion: Wash mouth and seek medical attention

**5. FIRE FIGHTING MEASURES**

Water spray recommended, other extinguishing agents may be used.

Decomposition products may include acrolein and other aldehydes.

**6. ACCIDENTAL RELEASE MEASURES**

Not relevant

**7. HANDLING AND STORAGE**

Store at ground level away from direct sunlight and heat sources.

Keep away from strong oxidising agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

No special precautions are necessary.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

9.1 General Properties

Form: Foam

Color: Black

Odor: None

9.2 Specific Properties

Melting Point: 107°C by DSC

Flash Point: >300°C

Autoflammability: >300°C

Explosive Properties: None

Vapor Pressure: NA

Density - Polymer: 0.92 g/cm2

Density - Foam: 0.015 g/cm3 to 0.070 g/cm3 nom.

Solubility in Water: Insoluble

**10. STABILITY AND REACTIVITY**

Chemical Stability: Decomposes above 300ºC

Conditions to Avoid: Contact with sources of ignition

Materials to Avoid: Strong oxidising acids

Hazardous Decomposition Products: May include acrolein and other aldehydes

**11. TOXICOLOGICAL INFORMATION**

No toxic effects are known.

**12. ECOLOGICAL INFORMATION**

Material is inert and insoluble in water.

**13. DISPOSAL CONSIDERATIONS**

Landfill or controlled burning.

Recycling is possible.

**14. TRANSPORT INFORMATION**

IMDG Material is classed as non-hazardous

ICAO-TI Material is classed as non-hazardous

RID/ADR Material is classed as non-hazardous

**15. REGULATORY INFORMATION**

None

**16. OTHER INFORMATION**

None