

# Carlisle TyrFil Safety Data Sheet

## 1. Identification of Substance:

**Product Name:** TyrFil G-2, EcoFil, EcoFlex, Flex, GSX, HeviDuty, LD, MD-30, Premium, Pro, RePneu Series, Superflex Series, Ultra, Utility Cured Polyurethane

**Supplier Identification:**  
Carlisle TyrFil

**Telephone:**  
(440) 260-9830

**Address:**  
140 Sheldon Road  
Berea, OH 44017

**24-Hr. Emergency Phone Number:**  
CHEMTREC (800) 424-9300

**Product Description:** Solid Polyurethane Elastomer

## 2. Hazards Identification:

**GHS Ratings:** N/A

**GHS Hazards:** N/A

**GHS Precautions:** N/A

**Signal Word:** N/A

There are no GHS ratings that apply to this product at this time.

This product is classified as an article under the OSHA Hazard Communication Standard 29 CFR 1910.1200(c)

*Article* means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees.

## 3. Composition/Data on Components:

Not Applicable

#### **4. First Aid Measures:**

**Inhalation:** Not expected to pose an inhalation hazard.

**After eye contact:** Not expected to pose a hazard.

**After skin contact:** Clean affected area with soap and water. Ordinary means of personal hygiene are adequate.

**After swallowing:** Consult physician.

**Notes to physician:** Not expected to require any special measures.

#### **5. Fire Fighting Measures:**

**Suitable extinguishing agents:** Water spray, CO2, Foam, Dry chemical

**Information about protection against explosions and fires:** No unusual hazards expected.

**Dangerous products of decomposition:** Oxides of carbon, sulfur, hydrocarbons, thick black smoke. Combustion products must be considered toxic.

**Protective equipment:** Firefighters should wear pressure demand self-contained breathing apparatus and protective clothing.

#### **6. Accidental Release Measures:**

**Person-related safety precautions:** Avoid inhaling dusts.

**Measures for environmental protection:** Collect for proper disposal according to local, state, and federal regulations.

#### **7. Handling and Storage:**

**Information for safe handling:** No special handling practices.

**Storage Requirements:** No special storage requirements.

## 8. Exposure Controls and Personal Protection:

**Engineering Controls:** No specific measures expected.

**General protective and hygienic measures:** No additional precautionary measures should be expected other than standard personal protective equipment for handling inert articles requiring moderate physical labor.

**Personal Protective Equipment:**

**Respiratory Protection:** None expected.

**Hand Protection:** Protective gloves standard in a normal work environment.

**Eye Protection:** Safety glasses.

**Body Protection:** Protective work clothing. Launder separately.

## 9. Physical and Chemical Properties:

<b>Appearance:</b> Black solid	<b>Odor:</b> Mild odor
<b>Vapor Pressure:</b> N/A	<b>Odor threshold:</b> N/A
<b>Vapor Density:</b> N/A	<b>pH:</b> N/A
<b>Specific Gravity:</b> 1.06	<b>Melting point:</b> N/A
<b>Freezing point:</b> N/A	<b>Solubility:</b> N/A
<b>Boiling range:</b> N/A	<b>Flash point:</b> N/A
<b>Evaporation rate:</b> N/A	<b>Flammability:</b> N/A
<b>Explosive Limits:</b> N/A	<b>Partition coefficient (n-octanol/water):</b> N/A
<b>Autoignition temperature:</b> N/A	<b>Decomposition temperature:</b> N/A

## 10. Stability and Reactivity:

**Chemical Stability:** Expected to be stable under normal storage conditions.

**Incompatible Materials:** Avoid contact with acids, oxidizing agents, iron particles.

**Hazardous Polymerization:** Not expected to occur.

**Dangerous Products of Decomposition:** Decomposition through burning produces fumes consisting of organic particulates, gaseous hydrocarbons, carbon dioxide, carbon monoxide and may contain traces of toluene diisocyanate, hydrogen cyanide, acrolein and oxides of nitrogen.

## 11. Toxicological Information:

**Eyes:** Minor potential for irritation.

**Skin:** Minor potential for irritation.

**Inhalation:** Minor potential for irritation.

**Ingestion:** Consult physician.

**Chronic effects:** None expected

**Conditions Aggravated by Exposure:** None expected.

**Routes of Entry:** Not applicable

**Target Organs:** Not applicable

## 12. Ecological Information:

**General Information:** Based on experience no adverse effects are to be expected if correct disposal procedures have been followed.

## 13. Disposal Considerations

**Recommendation:** Observe local requirements. Dispose of in accordance with local/state/federal regulations. The choice of the appropriate method of disposal depends on the product composition at the time of disposal as well as the local statutes and possibilities for disposal.

## 14. Transport Information

### DOT Regulated Components:

This material ships as non-regulated

## 15. Regulatory Information:

**OSHA HAZARD COMMUNICATION STANDARD:** This material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

**SARA 313 INFORMATION:** This product does not contain the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

## 16. Other information:

Polyurethane elastomers are fully reacted polymers forming articles which are not considered hazardous under OSHA's criteria in 29 CFR 1910.1200.

In this document the following abbreviations were used:

NA: Not Applicable NE: Not Established

Safety Data Sheet issued by Product Safety Department

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Reviewer Revision 2

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