



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Hardcast Foil-Grip 1403-181BFX

**Synonyms:** Butyl Adhesive Tape/Pressure Sensitive Tape

**Manufacturer/Supplier**

Carlisle Coatings & Waterproofing Incorporated  
900 Hensley Lane  
Wylie, TX 75098

**Internet Address:** www.ccwcompanies.com

**Fax Number:** (972) 442-0076

**Phone Numbers**

**Medical Emergency:**

**CHEMTREC (USA):** (800) 424-9300

**CHEMTREC (International):**

**MSDS Assistance:** (972) 442-6545

**Fax On Demand:** NA

**Technical Assistance:** (972) 442-6545

**Customer Service:** (972) 442-6545 x13517

### 2. COMPONENT INFORMATION

| Component                   | CAS No.                      | Percent Range | Hazardous in Blend |
|-----------------------------|------------------------------|---------------|--------------------|
| Calcium Carbonate           | 1317-65-3                    | 19-23         |                    |
| Butyl Rubber                | 9010-85-9                    | >3            |                    |
| Hydrocarbon Resins          | 62258-49-5 and<br>26813-14-9 | 33-38         |                    |
| Naphthenic Oil              | 64742-52-5                   | 4-9           |                    |
| Styrene-Isoprene copolymer  | 25038-32-8                   | 22-27         |                    |
| Styrene-Butadiene copolymer | 9003-55-8                    | 10-15         |                    |

**This product is hazardous not according to OSHA 29 CFR 1910.1200.**

**Hazards:**

Flammable/Combustible No Acute No Chronic No Carcinogen No  
Toxin No Toxin No  
Pressure No Reactive No Exposure Limit No Target Organ No Other No

### 3. HAZARDS IDENTIFICATION

**Emergency and Hazards Overview:**

May cause moderate irritation to eyes. May be harmful if swallowed. Read and understand all health and safety information on the product label and Material Safety Data Sheet before use.

**Ratings**

Health 1 Flammability 0 Reactivity 0

Primary Route of Exposure: Skin x Inhalation Eye Ingestion x

**Health Effect Information**

**Eye Contact:** May cause eye irritation if wiped or rubbed into eyes.

**Skin Contact:** May cause mild skin irritation on prolonged or repeated contact.

**Inhalation:** NA

**Ingestion:** There are no known health effects

**Medical Conditions Aggravated by Exposure:** Possible skin irritation on contact, but no chronic effects known

### 4. FIRST AID INFORMATION

**Eye Contact:** Flush with water for 15 minutes. Get medical attention immediately.

**Skin Contact:** Thoroughly wash exposed area with soap and water. Get medical attention if reaction develops and irritation persists.

**Inhalation:** NA

**Ingestion:** Do not induce vomiting unless directed to do so by a physician. Consult a physician immediately.

**Notes to Physician:** This product contains butyl rubber , other synthetic rubbers, hydrocarbon oil and resins and calcium carbonate

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#### 4. FIRES AND EXPLOSION INFORMATION

**Flash Point:** above 110 deg C

**Test Method:** TCC

**Flame extension:** NA

**Test Method:** NA

**Flammable Limits in Air**

**Upper Percent:** NA

**Lower Percent:** NA

**Autoignition Temperature:** NA

**Test Method:** NA

**NFPA Classification:** H 1 F 0 R 0

**Extinguishing Media:** CO<sub>2</sub>, foam, dry chemical or water spray.

**Fire Fighting Measures**

**Special Fire Fighting Procedures and Equipment:** Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting fires

**Unusual Fire and Explosion Conditions:** None known

**Hazardous Combustion By-Products:** Toxic gases or vapors such as carbon dioxide, carbon monoxide, various hydrocarbons and phenols may be released in a fire.

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#### 6. ACCIDENTAL RELEASE MEASURES

**Personnel Safeguards:** Evacuate non-essential personnel to safe areas. Clean-up responders should wear proper protective clothing and gloves before entering the affected area.

**Regulatory Notifications:** Certain component of this product is defined as hazardous according to U.S. EPA.

**Containment and Clean up:** Prevent product from entering drinking water supplies or streams.

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#### 7. HANDLING AND STORAGE INFORMATION

**Handling:** None required

**Storage:** Store in a cool, dry area

**Empty Container Warnings**

**Drums:** NA

**Plastic:** NA

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#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

**Exposure Limits and Guidelines**

**Personal Protective Equipment**

**Eye/Face Protection:** None

**Skin Protection:** Use protective rubber gloves

**Respiratory Protection:** None

**Personal Hygiene:** Avoid rubbing eyes during handling. Use good personal hygiene practices to avoid incidental ingestion.

**Engineering Controls / Work Practices**

**Ventilation:** Not required under normal conditions of use.

**Other:** None

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                                      |
|--|--------------------------------------|
| <b>Appearance:</b> Tacky black tape                          | <b>Vapor Pressure:</b> NA            |
| <b>Odor:</b> Mild rubber-like odor                           | <b>Vapor Density (air=1):</b> NA     |
| <b>Physical state:</b> Solid                                 | <b>Percent Volatile by Weight:</b> 0 |
| <b>pH:</b> NA  | <b>Volatile Organic Content:</b> NA  |
| <b>DOT Corrosivity:</b> NA                                   | <b>Molecular Weight:</b> NA          |
| <b>Boiling Point:</b> NA                                     | <b>Average Carbon Number:</b> NA     |
| <b>Melting Point:</b> NA                                     | <b>Viscosity @ 77 F:</b> NA          |
| <b>Specific Gravity:</b> 1.12 @ 77 deg F                     |                                      |
| <b>Pour Point:</b> NA  |                                      |
| <b>Solubility in Water:</b> Insoluble                        |                                      |
| <b>Octanol / Water Coefficient:</b> Log K <sub>ow</sub> = NA |                                      |

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## 10. STABILITY AND REACTIVITY INFORMATION

**Chemical Stability:** Stable

**Conditions to Avoid:** Open flames and excessive heat

**Incompatible Materials to Avoid:** Avoid strong acids and strong oxidizing agents (aluminum backing)

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## 11. TOXICOLOGICAL INFORMATION (will only print available data)

**Primary Eye Irritation:** May cause mechanical irritation

**Primary Skin Irritation:** May cause mechanical irritation

**Acute Dermal Toxicity:** Product toxicity has not been determined.

**Sub acute Dermal Toxicity:** NA

**Dermal Sensitization:** NA

**Inhalation Toxicity:** No evidence

**Inhalation Sensitization:** Highly unlikely

**Oral Toxicity:**

**Mutagenicity:** No evidence

**Carcinogenicity:** No evidence

**Reproductive Toxicity:** No evidence

**Teratogenicity:** No evidence

**Immunotoxicity:** NA

**Neurotoxicity:** NA

**Other:** No other toxicological information available

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## 12. ECOLOGICAL INFORMATION

**Aquatic Toxicity:** No evidence

**Terrestrial Toxicity:** No data available

**Chemical Fate and Transport:** Not known

**Ecological Toxicity:** No evidence

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## 13. DISPOSAL INFORMATION

**Regulatory Information:** Consult all regulations (federal, state, provincial, local etc.) or a qualified waste disposal firm when characterizing waste for disposal.

**Waste Disposal Methods:** Dispose of in accordance with all local, state, and federal regulations.

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## 14. TRANSPORTATION INFORMATION

**U.S. Department of Transportation (DOT)**

**Highway / Rail (Non-Bulk):** Not regulated

The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for all shipping descriptions.

**International Information**

|                                |                |                 |  |
|--------------------------------|----------------|-----------------|--|
| <b>Vessel: IMDG Regulated:</b> | Not classified | <b>IMDG Not</b> |  |
| <b>Air: ICAO Regulated:</b>    | Not classified | <b>ICAO Not</b> |  |

**Other:** No other information available.

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**15. Regulatory Information**

**Regulatory Lists**

**U.S. TSCA Inventory:** N/A.

**Sara Section 313:** None

**ARC Group 2B:**

**Regulatory Lists Searched**

**Health & Safety:** NA

**Environmental:** NA

**International:** NA

**State:** MA, MN, PA, WA

**National Inventories:** NA

**SARA 311 / 312 Categories**

**Acute:**   No   **Chronic:**   No   **Fire:**   No   **Pressure:**   No   **Reactive:**   No  

**Regulated:** No

**California Proposition 65 Information: Warning!** None in the list

**Canadian WHMIS Classification**

**Class:** Class D2A

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations (CPR). This MSDS contains all the information required by the CPR.

**Canadian Environmental Protection Act (CEPA)**

All reportable chemical substance is listed on the Domestic Substances List (DSL) or otherwise complies with CEPA new substance notification requirements.

**National Pollution Release Inventory (NPRI)**

This product contains no chemical subject to the reporting requirements of the CEPA subsection 16(1), NPRI.

**Other Regulations:** No other information available.

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**16. OTHER INFORMATION**

**Health and Environmental Label Language**

All ingredients contained in this product are included on the US EPA Toxic Substances Control Act (TSCA) inventory or exempt from listing on the TSCA inventory. All ingredients contained in this product complies with the requirements of the Canadian Environmental Protection Act (CEPA) and are listed on the Domestic Substance List (DSL) or Non-Domestic Substance List (NDSL)

**MSDS Revisions**

**Previous Version Date:** NEW

**Section**

**Old Information:** None

**New Information:** NEW

**Prepared By:** R&D Department

**Date:** 11/01/06

**Disclaimer of Warranty:** The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, CCWI Company must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.