



# PRODUCT SAFETY INFORMATION SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

TRADE NAME: DermaBak<sup>®</sup> Advanced Dermal Materials  
HMIS RATING: H 1 F 1 R 0  
DATE ISSUED: November 27, 2013  
COMPANY/UNDERTAKING IDENTIFICATION: Rogers Corporation  
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## 2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL: NA  
LABELING REQUIREMENTS: NA  
EFFECTS OF OVEREXPOSURE: None are expected with normal handling. Cutting and other finishing operations may create polyurethane dust. Ventilation and personnel protection should be similar to all operations generating nuisance dust.  
INHALATION: Dust may cause respiratory irritation. Remove to fresh air and seek medical attention if necessary.  
EYE CONTACT: Dust may cause irritation. Flush eyes with water and seek medical attention if necessary.  
SKIN CONTACT: Dust may cause irritation. Wash thoroughly with soap and water.  
INGESTION: None known.  
CHRONIC: NA

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EINECS /ELINCS</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>China OEL</u>	<u>EU Classification</u>
Aluminum Oxide	1344-28-1	NA	<5%	15T, 5R mg/m <sup>3</sup>	1R mg/m <sup>3</sup>	NA	NA
Silicon Oxide	7631-86-9	NA	5%	5 mg/m <sup>3</sup> Resp	3 mg/m <sup>3</sup> Resp	NA	NA

This material is produced as an "article" as defined in 20 CFR 1910.1200 and REGULATION (EC) N° 1907/2006 is therefore exempt from the Hazard Communication Standard and REACH. Since this material does not release and will not result in exposure to a hazardous chemical under normal conditions of use, no Safety Data Sheet is required.

#### 4. FIRST-AID MEASURES

INHALATION: Remove to fresh air. Obtain medical attention if symptoms persist.  
EYE CONTACT: Flush eyes with large amounts of water for 15 to 20 minutes. Obtain medical attention if symptoms persist.  
SKIN CONTACT: Immediately take off all contaminated clothing and flush area with water for 15 to 20 minutes. Obtain medical attention if symptoms persist.  
INGESTION: NE

#### 5. FIRE-FIGHTING MEASURES

FLASH POINT: NE °C (°F) Flammable Limits: LEL NA UEL NA  
AUTOIGNITION TEMPERATURE: NE °C (°F)  
EXTINGUISHING MEDIA: X Water Spray X Foam X CO<sub>2</sub>  
X Dry Chemical X Other –  
SPECIAL FIRE FIGHTING PROCEDURES: Decomposition in a fire may produce toxic fumes. Firefighters should be equipped with self-contained breathing apparatus and turnout gear.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

#### 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: None needed.  
ENVIRONMENTAL PRECAUTIONS: None needed.  
CLEANING METHODS: Sweep or shovel into appropriate container for disposal. Avoid creation of nuisance dust.

#### 7. HANDLING AND STORAGE

HANDLING: Hot wire cutting operations should be exhausted to prevent exposure to irritating vapors. Wear suitable protective equipment, refer to Section 8.  
STORAGE: Keep in a cool, well-ventilated area.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: None needed under normal conditions. Disposable dust mask recommended for machining operations. If material is heated and odors are noticeable and/or irritating a respirator meeting NIOSH requirements should be used. A qualified individual should evaluate each situation.  
VENTILATION  
LOCAL: Recommended for all industrial operations.  
GENERAL: Recommended for all industrial operations.

## PERSONAL PROTECTION

HAND:	Gloves to avoid skin contact if desired.
EYE:	Safety glasses with side-shields are recommended in all industrial operations
SKIN:	None required.
OTHER:	Safety shower/eyewash in the area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Solid, Cellular Urethane Foam Roll
ODOR:	Slight Odor
PHYSICAL STATE:	Solid
BOILING POINT:	NA °C (°F)
MELTING POINT:	NE °C (°F)
FREEZING POINT:	NA °C (°F)
FLASH POINT:	NE °C (°F)
WATER SOLUBILITY:	In-Soluble
VAPOR DENSITY:	NA
VAPOR PRESSURE:	NA
SPECIFIC GRAVITY:	0.2-0.53
PARTITION COEFFICIENT:	NA
EVAPORATION RATE:	NA
RELATIVE DENSITY:	NA
VISCOSITY:	NA
AUTO-IGNITION TEMPERATURE:	NA °C (°F)
DECOMPOSITION TEMPERATURE:	NA °C (°F)
PH:	NA
FLAMMABILITY:	NA

## 10. STABILITY AND REACTIVITY

STABLE  UNSTABLE

CONDITIONS TO AVOID:	NE
MATERIALS TO AVOID:	NE
HAZARDOUS POLYMERIZATION:	<input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Does Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:	CO, CO <sub>2</sub> , oxides of nitrogen, HCN, and traces of incompletely burned carbon compounds.

## 11. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS: NA

## 12. ECOLOGICAL INFORMATION

ECOTOXICITY: NA

## 13. DISPOSAL CONSIDERATION

PHYSICAL/CHEMICAL PROPERTIES AFFECTING DISPOSAL:	None
ENVIRONMENTAL TOXICITY DATA:	NA
WASTE DISPOSAL METHOD:	Dispose of in accordance with applicable federal, state, provincial, and local laws and regulations.

## 14. TRANSPORT INFORMATION

UN NUMBER: Not Regulated  
UN PROPER SHIPPING NAME: Not Regulated

HAZARD CLASS (ES): Not Regulated  
 PACKING GROUP: Not Regulated  
 ENVIRONMENTAL HAZARDS: NA

**15. REGULATORY INFORMATION**

INTERNATIONAL REGULATIONS:

Canadian (DSL/NDSL): NE  
 Australian (ACIS): NE  
 Korea (KECI): NE  
 Japan (ENCS, MITI): NE  
 China (IECSE): Article – exempt.  
 EU Directive 2011/65/EC (RoHS): Does not contain any intentionally added substances mentioned by the RoHS directive.  
 European:  
 Symbol: Not classified according to directive 1999/45/EC & 2001/60/EC (dangerous preparations).  
 R-Phase(s): NA  
 S-Phase(s): NA  
 TSCA: All materials are listed or exempt from TSCA listing.  
 (*Toxic Substances Control Act*):  
 CERCLA: NA  
 (*Comprehensive Emergency Response, Compensation, and Liability Act*):  
 SARA TITLE III: NA  
 (*Superfund Amendments and Reauthorization Act*):  
 311/312 HAZARD CATEGORIES: None

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
NA	NA	NA

**16. OTHER INFORMATION**

NA = Not Applicable  
 NE = Not Established  
 NC = Not Classified

FILE: 99344-DermaBak PSIS-112713.doc  
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Date Prepared: 11/27/2013

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