



PRODUCT SAFETY INFORMATION SHEET

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

TRADE NAME: HA-CP-43030-TS8

PRODUCT NUMBERS

HMIS RATING: H 1 F 0 R 0

USE OF ARTICLE: Industrial Use

DATE ISSUED: March 24, 2017

COMPANY/UNDERTAKING IDENTIFICATION: Rogers Corporation
245 Woodstock Road
Woodstock, CT 06281
Phone: 001-860-928-3622
Fax: 001-860-928-7843
Email: msdsinfo@rogerscorporation.com

2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL: Not Classified According to GHS or OSHA Hazcom 2012

LABELING REQUIREMENTS: None Required

EFFECTS OF OVEREXPOSURE: None are expected with normal handling. Cutting and other finishing operations may create dust. Ventilation and personnel protection should be similar to all operations generating nuisance dust. IARC has listed carbon black as a Class 2B suspected human carcinogen based on tests with laboratory animals.

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: IARC has listed carbon black as a Class 2B suspected human carcinogen based on tests with laboratory animals.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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.

<u>Chemical Name</u>	<u>CAS No.</u>	<u>%</u>
Hydrocarbon Resin Blends	Proprietary	<80%
Carbon Black	1333-86-4	<1%

No other Hazardous Chemical in the article

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:	Take off all contaminated clothing and flush area with water for 15 to 20 minutes. Obtain medical attention if symptoms persist.
INGESTION:	NA

5. FIRE-FIGHTING MEASURES

FLASH POINT:	NE °C (°F)	Flammable Limits:	LEL	NA	UEL	NA
AUTOIGNITION TEMPERATURE:	NE °C (°F)					
EXTINGUISHING MEDIA:	<u>X</u> Water Spray	<u>X</u> Foam	<u>X</u> CO ₂			
	<u>X</u> Dry Chemical	<u>X</u> Other –				
SPECIAL FIRE FIGHTING PROCEDURES:	Firefighters should be equipped with self-contained breathing apparatus and turnout gear. Combustible material. In the event of fire and/or explosion do not breathe fumes. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Avoid creating dust. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Runoff may pollute waterways. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.					
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Material may generate dense smoke in a fire.					

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.
ENVIRONMENTAL PRECAUTIONS:	See Section 12 for additional ecological information.
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

Control Parameters:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Carbon Black	TWA: 3.5 mg/m ³	TWA: 3.5 mg/m ³	NA

RESPIRATORY PROTECTION:	None needed under normal conditions. 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.
<u>VENTILATION</u>	
LOCAL:	Recommended for all industrial operations.
GENERAL:	Recommended for all industrial operations.
<u>PERSONAL PROTECTION</u>	
HAND:	Gloves to avoid skin contact if desired.
EYE:	Safety glasses with side-shields are recommended in all industrial operations
SKIN:	Clothing suitable to prevent skin contact for molten material.
OTHER:	Safety shower/eyewash in the area.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Solid Roll or Sheet
ODOR:	Slight Odor
PHYSICAL STATE:	Solid
BOILING POINT:	NA °C (°F)
MELTING POINT:	NA
FREEZING POINT:	NA °C (°F)
FLASH POINT:	NE °C (°F)
WATER SOLUBILITY:	In-Soluble
VAPOR DENSITY:	NA
VAPOR PRESSURE:	NA
SPECIFIC GRAVITY:	0.75-0.8
PARTITION COEFFICIENT:	NA
EVAPORATION RATE:	NA
RELATIVE DENSITY:	NA
VISCOSITY:	NA
AUTO-IGNITION TEMPERATURE:	NA °C (°F)
DECOMPOSITION TEMPERATURE:	NA
PH:	NA
FLAMMABILITY:	NA

10. STABILITY AND REACTIVITY

STABLE <u> X </u> UNSTABLE _____	
CONDITIONS TO AVOID:	To avoid thermal decomposition, do not overheat. Heating can release hazardous gases. Do not exceed recommended processing temperature. Avoid open flames, sources of ignition and excessive heat.
MATERIALS TO AVOID:	Strong oxidizing agents. Strong acids. Strong bases.
HAZARDOUS POLYMERIZATION:	_____ May Occur <u> X </u> Does Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:	CO, CO ₂ , Oxides of nitrogen, and traces of incompletely burned carbon compounds.

11. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS:	IARC has listed carbon black as a Class 2B suspected human carcinogen based on tests with laboratory animals.
----------------------	---

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: NE

15. REGULATORY INFORMATION

INTERNATIONAL REGULATIONS:
Canadian (DSL/NDSL): Article - exempt
Australian (ACIS): Article - exempt
Korea (KECI): Article - exempt
Japan (ENCS, MITI): Article - exempt
China (IECSC): Article - exempt
EU Directive 2011/65/EC (RoHS): Does not contain any intentionally added substances mentioned by the RoHS directive.
TSCA
(Toxic Substances Control Act): All materials are listed or exempt from TSCA listing.
CERCLA
(Comprehensive Emergency Response, Compensation, and Liability Act): NA
SARA TITLE III
(Superfund Amendments and Reauthorization Act): NA
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
Date Prepared: 03/24/2017

FILE: 99451-HA CP 43030 TS8 PSIS-03242017.doc
PREPARED BY: Michal Werbecki
REVIEWED BY: Curtis Kempton

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULT TO BE OBTAINED FROM THE USE THEREOF.

ROGERS CORPORATION ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO VENDEES, USERS OR THIRD PARTIES CAUSED BY THE MATERIAL. SUCH VENDEES OR USERS ASSUME ALL RISKS ASSOCIATED WITH THE USE OF THE MATERIAL.