



# PRODUCT SAFETY INFORMATION SHEET

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

TRADE NAME: XRD Impact

CHEMICAL FAMILY: Urethane Polymer

HMIS RATING: H 0 F 1 R 0

USE OF ARTICLE: Various impact padding applications

DATE ISSUED: November 28, 2022

COMPANY/UNDERTAKING IDENTIFICATION: Rogers Corporation  
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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

CLASSIFICATION OF THE MATERIAL: NE

LABELING REQUIREMENTS: NE

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: NE

## 3. HAZARDS IDENTIFICATION

This material is produced as an "article" as defined in 29 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>EINECS /ELINCS</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>China OEL</u>
Alumina Trihydrate	21645-51-2	244-492-7	<20	15 mg/m <sup>3</sup> (Total Dust)	10 mg/m <sup>3</sup> (as AL)	NE

Silica, amorphous, diatomaceous earth	68855-54-9	272-489-0	<1	NE	NE	NE
Carbon Black ( in black material)	1333-86-4	215-609-9	<1	3.5 mg/m <sub>3</sub>	3.5 mg/m <sub>3</sub>	NE

#### 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:	NA

#### 5. FIRE-FIGHTING MEASURES

FLASH POINT:	NE °C (°F)	Flammable Limits:	LEL	<u>NA</u>	UEL	<u>NA</u>
AUTOIGNITION TEMPERATURE:	NE °C (°F)					
EXTINGUISHING MEDIA:	<u>X</u> Water Spray	<u>X</u> Foam	<u>X</u> CO <sub>2</sub>			
	<u>X</u> Dry Chemical	<u>X</u> 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:	Polyurethane materials may generate dense smoke in a fire.					

#### 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. 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.
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##### 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 or Sheet (Various Colors Available)  
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 (Water = 1)  
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:  May Occur  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:	NE

## 15. REGULATORY INFORMATION

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

FILE: 99230- XRD Impact PSIS-11282022.doc

PREPARED BY: Corporate EHS  
REVIEWED BY: EHS Engineering

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