



PRODUCT SAFETY INFORMATION SHEET

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

TRADE NAME: Display Back Pad with Adhesive (79TS5B, 79SE Series, 79SE4 Series, 88SE Series, 88SE4 Series)

CHEMICAL FAMILY: Cellular Polyurethane

HMIS RATING: H 1 F 1 R 0

USE OF ARTICLE Gasketing and Protection

DATE ISSUED: Jan. 28, 2019

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

3. HAZARDS IDENTIFICATION

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. If an excessive quantity of dust is inhaled, it may cause nasal and respiratory irritation. Ventilation and personal protection should be similar to all operations generating nuisance dust.

INHALATION: Remove to fresh air-seek medical attention if necessary.

EYE CONTACT: Dust may cause irritation. Safety glasses are recommended in all industrial operations. Flush eyes with water and seek medical attention.

SKIN CONTACT: Wash thoroughly with soap and water.

INGESTION: None Known

CHRONIC: None known.

2. 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>EINECS /ELINCS</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>China OEL</u>	<u>EU Classification</u>
Alumina Trihydrate	21645-51-2	244-492-7	<20	15 mg/m ³	10 mg/m ³ (as al)	NA	NC according to 67/48/EEC

Adhesive Copolymer	Trade Secret	Trade Secret	<4%	NA	NA	NA	NC according to 67/548/EEC
Silica, Amorphous	7631-86-9	231-545-4	<2	<u>5 mg/m³</u> (resp)	3 mg/m ³ (Resp)	NA	NC according to 67/548/EEC
Carbon Black (in black material)	1333-86-4	215-609-9	<1	3.5 mg/m ³	3.5 mg/m ³	4 mg/m ³	NC according to 67/548/EEC

3. HAZARDS IDENTIFICATION

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. IARC has listed carbon black as a Class 2B suspected human carcinogen based on tests with laboratory animals.
INHALATION:	Remove to fresh air-seek medical attention if necessary.
EYE CONTACT:	Dust may cause irritation. Safety glasses are recommended in all industrial operations. Flush eyes with water and seek medical attention.
SKIN CONTACT:	Wash thoroughly with soap and water.
INGESTION:	None Known
CHRONIC:	None known.

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	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:	Decomposition in a fire may produce toxic fumes. Firefighters should be equipped with self-contained breathing apparatus.					
UNUSUAL FIRE AND EXPLOSION HAZARDS:	May release hazardous vapors during 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.

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: Cellular Urethane Foam Roll or Sheet (Various Colors Available)
ODOR: Slight, Characteristic
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 X UNSTABLE _____

CONDITIONS TO AVOID: Heat, high temperatures.
MATERIALS TO AVOID: Acids, bases, and oxidizers.
HAZARDOUS POLYMERIZATION: _____ May Occur X Does Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, 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

REACH Directive: Material is Classified as an Article

China (SEPA): Article - exempt

EU Directive 2011/95/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:

CAS #

NA

CHEMICAL NAME

NA

PERCENT BY WEIGHT

NA

16. OTHER INFORMATION

NA = Not Applicable

NE = Not Established

NC = Not Classified

FILE: 99352 – Display Back Pad w Adhesive PSIS 01282019.doc

PREPARED BY: Michal Werbecki

REVIEWED BY: Curtis Kempton

Date Prepared: 07/09/2014

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.