



Product Safety Information Sheet

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

TRADE NAME: HT-800 Series with Adhesive

PRODUCTS INCLUDED: HT-805(A), HT-805(S), HT-825(A), HT-825(S), HT-845(A), HT-845(S), HT-875(A), HT-875(S)

HMIS RATING: H 0 F 1 R 0

USE OF ARTICLE: Sealing, Cushioning, Vibration Isolation, and Insulation

DATE ISSUED: April 27, 2020

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. Materials listed in Section 2 are encapsulated or compounded making release unlikely. Cutting and other finishing operations may create dust. Ventilation and personal protective equipment should be similar to operations generating nuisance dust.

INHALATION: Dusts may cause respiratory irritation.

EYE CONTACT: Dusts may cause irritation.

SKIN CONTACT: Dusts may cause irritation.

INGESTION: None known.

CHRONIC: The IARC has listed carbon black as a Class 2B possible human carcinogen based on animal studies.

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>EINECS</u> <u>/ELINCS</u> | <u>%</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>China OEL</u> | <u>EU Classification</u> |
|-----------------------------------|----------------|---------------------------------|----------|--|---------------------------------------|---------------------|---|
| Alumina Hydrate | 21645- 51-2 | 244-492-7 | <10 | 5 mg/m ³ (Resp. dust) | 3 mg/m ³ (Resp. dust) | NA | NC according to 67/548/EEC NC according to 67/548/EEC |
| Carbon Black | 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 |
| Silica, Tripoli (Encapsulated) | 14808-60-7 | 238-878-4 | <20 | <u>10 mg/m³</u> % SiO ₂ + 2 (Respirable) | 0.1 mg/m ³ (Respirable) | NA | |

4. FIRST-AID MEASURES

| | |
|---------------|---|
| INHALATION: | Remove to fresh air. Seek medical attention if condition merits. |
| EYE CONTACT: | Flush eyes with large amounts of water and seek medical attention if irritation persists. |
| SKIN CONTACT: | Wash contacted areas thoroughly with soap and water. |
| INGESTION: | Not a likely route of exposure. If large amounts of processing dusts are ingested resulting in gastrointestinal discomfort, seek medical attention. |

5. FIRE-FIGHTING MEASURES

| | | | | | | |
|-------------------------------------|--|-------------------|----------------------------|-----------|-----|-----------|
| FLASH POINT: | NA | Flammable Limits: | LEL | <u>NA</u> | UEL | <u>NA</u> |
| AUTOIGNITION TEMPERATURE: | NA | | | | | |
| EXTINGUISHING MEDIA: | <u> X </u> Water Spray | <u> X </u> Foam | <u> X </u> CO ₂ | | | |
| | <u> X </u> Dry Chemical | <u> </u> Other – | | | | |
| SPECIAL FIRE FIGHTING PROCEDURES: | Decomposition in a fire may produce toxic fumes and siliceous char. Firefighters should be equipped with self-contained breathing apparatus. | | | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS: | NA | | | | | |

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: | No special requirements. Avoid processing conditions that release small particles of materials (10 micrometers or less). |
| STORAGE: | Keep container tightly closed in a cool, well-ventilated area. |

8. EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not Applicable

VENTILATION

LOCAL: Recommended in heating, finishing, hot wire, and laser cutting operations.
GENERAL: Recommended as with all industrial operations.

PERSONAL PROTECTION

HAND: None required.
EYE: Safety glasses are recommended with all industrial operations.
SKIN: None required.
OTHER: NA

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|-----------------------------|
| APPEARANCE: | Cellular silicone material. |
| ODOR: | Slight characteristic. |
| PHYSICAL STATE: | Solid |
| BOILING POINT: | NA |
| MELTING POINT: | NE |
| FREEZING POINT: | NE |
| FLASH POINT: | NA |
| WATER SOLUBILITY: | None |
| VAPOR DENSITY: | NA |
| VAPOR PRESSURE: | NA |
| SPECIFIC GRAVITY: | 0.24 – 0.55 (Water = 1) |
| PARTITION COEFFICIENT: | NA |
| EVAPORATION RATE: | NA |
| RELATIVE DENSITY: | 0.24 – 0.55 g/cc |
| VISCOSITY: | NA |
| AUTO-IGNITION TEMPERATURE: | NA |
| DECOMPOSITION TEMPERATURE: | NA |
| PH: | NA |
| FLAMMABILITY: | NA |

10. STABILITY AND REACTIVITY

| | | | |
|-----------------------------------|---|-----------|--------------------------|
| STABLE | <input checked="" type="checkbox"/> | UNSTABLE | <input type="checkbox"/> |
| CONDITIONS TO AVOID: | None known. | | |
| MATERIALS TO AVOID: | None known. | | |
| HAZARDOUS POLYMERIZATION: | <input type="checkbox"/> | May Occur | <input type="checkbox"/> |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Carbon monoxide, carbon dioxide, fluorine compounds, formaldehyde, silicon dioxide, and traces of incompletely burned carbon compounds. | | |

11. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS: Tripoli is listed by NTP as “reasonably anticipated to be a carcinogen”. However the tripoli in this material is encapsulated eliminating this hazard during normal processing.

The IARC has listed carbon black as a Class 2B possible human carcinogen based on animal studies.

12. ECOLOGICAL INFORMATION

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: Not Regulated

15. REGULATORY INFORMATION

INTERNATIONAL REGULATIONS:

Canadian (DSL/NDSL): NE

Australian (ACIS): NE

Korea (KECI): NE

Japan (ENCS, MITI): NE

China (SEPA): Compliant

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
(*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

EU Directive 2002/95/EEL: Compliant

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: 99278-HT800 Series with Adhesive-04272020.doc
99278

PREPARED BY: EHS Department
REVIEWED BY: EHS Department

Date Prepared: September 19, 2012

REVISION ITEMS & DATE: 9-12-2012 included the product numbers covered in this series.
3/5/2015: switch section 2 & 3 information and update RoHS citation, removed Chemtrec Number since article.

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