



## Product Safety Information Sheet

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

TRADE NAME: HT-805 (A) & HT-805(S) Series

HMIS RATING: H 0 F 1 R 0

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

DATE ISSUED: April 30, 2010

COMPANY/UNDERTAKING IDENTIFICATION: Rogers Corporation  
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### 2. 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>
Alumina Hydrate	21645-51-2	244-492-7	<10	5 mg/m <sup>3</sup> (Resp. dust)	3 mg/m <sup>3</sup> (Resp. dust)	NA	NC according to 67/548/EEC
Carbon Black	1333-86-4	215-609-9	<1	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	4 mg/m <sup>3</sup>	NC according to 67/548/EEC
Silica, Tripoli (Encapsulated)	14808-60-7	238-878-4	<20	10 mg/m <sup>3</sup> % SiO <sub>2</sub> + 2 (respirable)	0.1 mg/m <sup>3</sup> (respirable)	NA	NC according to 67/548/EEC

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.

The material contains no other hazardous ingredients as defined in OSHA's Hazard Communication Standard 29 CFR 1910.1200 or EU directive 1999/45/EC, and do not present a health or environmental hazard according to directive 67/548/EC.

### 3. 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.  
Dusts may cause respiratory irritation.  
Dusts may cause irritation.  
Dusts may cause irritation.  
None known.  
The IARC has listed carbon black as a Class 2B possible human carcinogen based on animal studies.

INHALATION:  
EYE CONTACT:  
SKIN CONTACT:  
INGESTION:  
CHRONIC:

**4. FIRST-AID MEASURES**

INHALATION: Remove to fresh air. Seek medical attention if condition merits.  
EYE CONTACT: Flush eyes and eyelids thoroughly with 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 NA UEL NA  
AUTOIGNITION TEMPERATURE: NA  
EXTINGUISHING MEDIA:  X  Water Spray  X  Foam  X  CO<sub>2</sub>  
 X  Dry Chemical   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: None needed.  
ENVIRONMENTAL PRECAUTIONS: None needed.  
CLEANING METHODS: Normal clean-up.

**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  UNSTABLE   
CONDITIONS TO AVOID: None known.  
MATERIALS TO AVOID: None known.  
HAZARDOUS POLYMERIZATION:  May Occur  Does Not Occur  
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: None  
AFFECTING DISPOSAL:  
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/NDL): NE  
Australian (ACIS): NE  
Korea (KECI): NE  
Japan (ENCS, MITI): NE  
China (SEPA): Compliant  
EU Directive 2002/95/EC (RoHS): Does not contain any intentionally added substances mentioned by the RoHS directive.  
  
European:  
Symbol: Not classified according to directive 1999/45/EC (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  
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  
Date Prepared: April 30, 2010  
REVISION ITEMS & DATE:

FILE: 99278-HT805(A)Series-04302010.doc  
99278  
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