



MATERIAL SAFETY DATA SHEET

Page 1 of 5

HE600 - RUF-TAC

1. Product And Company Identification

Supplier

HENRY COMPANY

999 N. Sepulveda Blvd., Suite 800

El Segundo, CA 90245-2716

Company Contact: Technical Services

Telephone Number: (800) 486-1278

Web Site: www.henry.com www.bakor.com

Manufacturer

HENRY COMPANY

999 N. Sepulveda Blvd., Suite 800

El Segundo, CA 90245-2716

Company Contact: Technical Services

Telephone Number: (800) 486-1278

Web Site: www.henry.com www.bakor.com

Supplier Emergency Contacts & Phone Number

CHEMTREC: (800) 424-9300

CHEMTREC: (703) 527-3887

CANUTEC: (613) 996-6666

Manufacturer Emergency Contacts & Phone Number

CHEMTREC: (800) 424-9300

CHEMTREC: (703) 527-3887

CANUTEC: (613) 996-6666

Issue Date: 06/24/2014

Product Name: HE600 - RUF-TAC

Product Code: HE600

Product/Material Uses

Membrane

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
asphalt, petroleum	8052-42-4	40 - 70
calcium carbonate	1317-65-3	5 - 15
mineral oil	64741-96-4	1 - 10
polypropylene fabric	9003-07-0	10 - 20
styrene butadiene copolymer	9003-55-8	5 - 15

EMERGENCY OVERVIEW

CAUTION! This product contains asphalt. Some asphalt contains sulfur compounds which may form hydrogen sulfide when heated or burned. At higher concentrations (above 10 ppm), hydrogen sulfide is extremely toxic by inhalation. Direct skin and eye contact may cause irritation.

Appearance/Odor: Rolled material

3. Hazards Identification

Primary Routes(s) Of Entry

Inhalation - possible if product becomes airborne, but considered unlikely.

Eye Hazards

Particles may cause eye irritation.

Skin Hazards

May cause skin irritation and contact dermatitis upon prolonged contact.

Ingestion Hazards

Not a probable route of exposure.



HE600 - RUF-TAC

3. Hazards Identification - Continued

Inhalation Hazards

Not a probable route of exposure under normal conditions of use.

Chronic/Carcinogenicity Effects

None of the ingredients of this product comprising over 0.1% are classified as carcinogenic according to OSHA, National Toxicology Program (NTP), International Agency for Research on Cancer (IARC) or the American Conference of Governmental Industrial Hygienists (ACGIH).

4. First Aid Measures

Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.

Skin

Remove contaminated clothing and shoes. Wash affected areas with soap and water.

Ingestion

Not an expected route of entry in an industrial setting. Get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim.

Inhalation

Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

5. Fire Fighting Measures

Flash Point: 430 °F 221 °C

Flash Point Method: Closed cup

Fire And Explosion Hazards

During a fire carbon monoxide, carbon dioxide, oxides of nitrogen and sulfur, hydrogen sulfide, and irritating and/or toxic gases may be generated.

Extinguishing Media

Carbon dioxide, water, or dry chemical.

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

Collect and dispose in accordance with applicable regulations.

7. Handling And Storage

Handling And Storage Precautions

Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Protect from heat sparks, or flame. Use only with adequate ventilation.

8. Exposure Controls/Personal Protection

Engineering Controls

Use with adequate general and local exhaust ventilation.

Eye/Face Protection

Safety glasses with side shields recommended.

HE600 - RUF-TAC

8. Exposure Controls/Personal Protection - Continued

Skin Protection

Use with protective gloves and apron to prevent skin contact.

Respiratory Protection

None normally required. Respirator use may be required due to secondary operations such as cutting, sanding, buffing, etc. The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional.

Occupational Exposure Limits for individual ingredients (if available) are listed below.

Ingredient(s) - Exposure Limits

asphalt, petroleum

OSHA PEL-TWA 5mg/m³

ACGIH TLV-TWA 0.5mg/m³ (Benzene soluble aerosol)

9. Physical And Chemical Properties

Appearance

Black, rolled material

Odor

Asphalt odor

Chemical Type: Mixture

Physical State: Solid

Boiling Point: 650-1000 °F 343-538 °C

Specific Gravity: >1.0

Percent Volatiles: <0.5%

Vapor Pressure: not applicable

Vapor Density: not available

pH Factor: not available

Solubility: not available

Evaporation Rate: not available

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Not expected to occur

Conditions To Avoid (Stability)

Extreme temperatures, open flames, and strong oxidants.

Hazardous Decomposition Products

Decomposition not expected to occur if handled and stored properly.

Conditions To Avoid (Polymerization)

Incomplete combustion

11. Toxicological Information

Chronic/Carcinogenicity

None of the ingredients present in this product, at concentrations equal to or greater than 0.1%, have been determined to be carcinogenic by IARC, NTP, OSHA, or ACGIH.

Miscellaneous Toxicological Information

Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.

HE600 - RUF-TAC

11. Toxicological Information - Continued

Ingredient(s) - Carcinogenicity

mineral oil

Listed In The IARC Monographs

polypropylene fabric

Listed In The IARC Monographs

styrene butadiene copolymer

Listed In The IARC Monographs

Ingredient(s) - Toxicological Data

calcium carbonate

LD50 (oral-rat) : 6450 mg/kg

12. Ecological Information

None identified.

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information

Ground Not restricted

IMDG Not restricted

IATA Not restricted

15. Regulatory Information

U.S. Regulatory Information

Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.

Ingredient(s) - State Regulations

asphalt, petroleum

California - Proposition 65

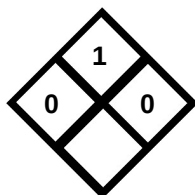
calcium carbonate

Pennsylvania - Workplace Hazard

Canadian Regulatory Information

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: Not classified or controlled.

NFPA



HMIS

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	



MATERIAL SAFETY DATA SHEET

Page 5 of 5

HE600 - RUF-TAC

16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 09/06/2011

Disclaimer

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).

HENRY COMPANY

Printed Using MSDS Generator™ 2000