



# MATERIAL SAFETY DATA SHEET

Page 1 of 7

## HE104Q - QUICKDRY ASPHALT PRIMER (AEROSOL CAN)

### 1. Product And Company Identification

<b>Supplier</b> HENRY COMPANY 909 N. Sepulveda Blvd., Suite 650 El Segundo, CA 90245-2724  <b>Company Contact:</b> Technical Services <b>Telephone Number:</b> (800) 486-1278 <b>Web Site:</b> www.henry.com www.bakor.com	<b>Manufacturer</b> HENRY COMPANY 909 N. Sepulveda Blvd., Suite 650 El Segundo, CA 90245-2724  <b>Company Contact:</b> Technical Services <b>Telephone Number:</b> (800) 486-1278 <b>Web Site:</b> www.henry.com www.bakor.com
<b>Supplier Emergency Contacts &amp; Phone Number</b> CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666

**Issue Date:** 04/20/2011

**Product Name:** HE104Q - QUICKDRY ASPHALT PRIMER (AEROSOL CAN)

**Product Code:** HE104Q

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
1,2,4-trimethylbenzene	95-63-6	0.5 - 5
1,3,5-trimethylbenzene	108-67-8	0.5 - 5
aromatic petroleum distillates	64742-95-6	10 - 20
petroleum asphalt	8052-42-4	30 - 50
isobutane	75-28-5	5 - 10
propane	74-98-6	5 - 10
solvent naphtha (petroleum), medium aliphatic	64742-88-7	10 - 30
xylene	1330-20-7	0.1 - 1

#### EMERGENCY OVERVIEW

**DANGER! Flammable Gas. Central nervous system depressant. Vapor may cause light-headedness, headache, nausea, loss of coordination and respiratory tract irritation. Causes skin irritation.**

**Appearance/Odor:** Black Aerosol, strong petroleum solvent odor

### 3. Hazards Identification

#### **Primary Routes(s) Of Entry**

Inhalation

#### **Eye Hazards**

May cause eye irritation (burning, tearing, redness or swelling).

#### **Skin Hazards**

May cause skin irritation and contact dermatitis upon prolonged contact.

#### **Ingestion Hazards**

May be harmful if swallowed. May cause gastric distress, vomiting and diarrhea.



## HE104Q - QUICKDRY ASPHALT PRIMER (AEROSOL CAN)

### 3. Hazards Identification - Continued

#### **Inhalation Hazards**

Exposure to vapors or mists may cause respiratory tract irritation. Inhalation of vapors or mists may cause central nervous system depression, light-headedness, headache, nausea and loss of coordination.

#### **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**

Get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim. Call a physician or poison control center immediately.

#### **Inhalation**

Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately.

#### **Note To Physician**

Aspiration of liquid into the lungs during swallowing or vomiting can cause lung inflammation, serious lung damage and even death from chemical pneumonitis.

### 5. Fire Fighting Measures

**Flash Point:** -156 °F

**Flash Point Method:** Setaflash

**Lower Explosive Limit:** 1

**Upper Explosive Limit:** not available

#### **Fire And Explosion Hazards**

Flammable Gas. Closed containers may explode when heated due to increased pressure. Vapors are heavier than air and may spread long distances and ignite. Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.

#### **Extinguishing Media**

Chemical foam, carbon dioxide (CO<sub>2</sub>), or dry chemical. Do not use direct stream of water.

#### **Fire Fighting Instructions**

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

### 6. Accidental Release Measures

Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose in accordance with applicable regulations. Avoid runoff to waterways and sewers. For large spills, contain runoff and recover by pumping with explosion proof equipment.

**HE104Q - QUICKDRY ASPHALT PRIMER (AEROSOL CAN)****7. Handling And Storage****Handling And Storage Precautions**

Keep away from ignition sources. Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Do not handle or store near heat, sparks, flame, strong oxidants or strong acids. Use only with adequate ventilation. Ground all containers.

**8. Exposure Controls/Personal Protection****Engineering Controls**

Use with adequate general and local exhaust ventilation. When used outdoors, stay well away from building air intakes or close and seal the intakes to prevent product from entering building.

**Eye/Face Protection**

Chemical splash goggles or faceshield over safety glasses or goggles recommended.

**Skin Protection**

Use with chemical-protective gloves to prevent skin contact.

**Respiratory Protection**

The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional. If required, use a NIOSH-approved air purifying respirator with organic vapor cartridge or supplied air respirator.

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

**Ingredient(s) - Exposure Limits**

1,2,4-trimethylbenzene

ACGIH TLV-TWA 25 ppm

1,3,5-trimethylbenzene

ACGIH TLV-TWA 25 ppm

aromatic petroleum distillates

OSHA PEL-TWA 500 ppm

petroleum asphalt

OSHA PEL-TWA 5mg/m<sup>3</sup>

ACGIH TLV-TWA 0.5mg/m<sup>3</sup> (Benzene soluble aerosol)

isobutane

ACGIH TLV-TWA 1000 ppm

propane

ACGIH TLV-TWA 1000 ppm

OSHA PEL-TWA 1000 ppm

xylene

ACGIH TLV-STEL 150 ppm

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 100 ppm

**9. Physical And Chemical Properties****Appearance**

Black aerosolized liquid

**Odor**

Strong petroleum solvent odor

**Chemical Type:** Mixture

**Physical State:** Gas

**Boiling Point:** -20 to -10 °F

**Specific Gravity:** 0.83

**HE104Q - QUICKDRY ASPHALT PRIMER (AEROSOL CAN)**

## 9. Physical And Chemical Properties - Continued

**Odor - Continued****Percent Volatiles:** <70**Vapor Pressure:** 2000@70°F**Vapor Density:** >1**pH Factor:** not applicable**Solubility:** dispersible**Evaporation Rate:** <1

Boiling point includes propellants.

## 10. Stability And Reactivity

**Stability:** Stable**Hazardous Polymerization:** Will not occur**Conditions To Avoid (Stability)**

Keep away from ignition sources, heat and flames.

**Incompatible Materials**

Avoid contact with strong oxidizing agents and acids.

**Hazardous Decomposition Products**Toxic and irritating gases, vapors or fumes, carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

## 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.

**Ingredient(s) - Toxicological Data**

1,2,4-trimethylbenzene

LD50 (oral, rat): 5000 mg/kg

LC50 (rat): 18 g/m<sup>3</sup> (4-hour exposure)

1,3,5-trimethylbenzene

Lethal dose (oral, rat): 23 g/kg lethal to 7 of 10 test animals

LC50 (rat): 24 g/m<sup>3</sup> (4-hour exposure)

aromatic petroleum distillates

LD50 (oral, rat): 2900 mg/kg

isobutane

LC50 (rat) &gt;1.3%, 4-hour exposure; 57%, 15-minute exposure

propane

LC50 (rat) &gt;80%, 15-minute exposure

xylene

LD50 (oral, rat): 5400 mg/kg

LD50 (dermal, rabbit): 12180 mg/kg

LC50 (rat): 6350 ppm (4-hour exposure)



# MATERIAL SAFETY DATA SHEET

Page 5 of 7

## HE104Q - QUICKDRY ASPHALT PRIMER (AEROSOL CAN)

12. Ecological Information
No specific information available.
13. Disposal Considerations
Dispose in accordance with applicable federal, state and local government regulations.
14. Transport Information
Ground
US Consumer Commodity, ORM-D
Canada UN1950, Aerosols, 2.1, Ltd. Qty.
IMDG UN1950, Aerosols, 2.1, Ltd. Qty.
IATA UN1950, Aerosols, 2.1, Ltd. Qty.
15. Regulatory Information
<b><u>U.S. Regulatory Information</u></b> Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.
<b><u>SARA Hazard Classes</u></b> Acute Health Hazard Chronic Health Hazard Fire Hazard Sudden Release of Pressure Hazard
<b><u>Ingredient(s) - U.S. Regulatory Information</u></b> 1,2,4-trimethylbenzene SARA Title III - Section 313 Form "R"/TRI Reportable Chemical xylene SARA Title III - Section 313 Form "R"/TRI Reportable Chemical
<b><u>Ingredient(s) - State Regulations</u></b> 1,2,4-trimethylbenzene New Jersey - Workplace Hazard New Jersey - Environmental Hazard Massachusetts - Hazardous Substance New York City - Hazardous Substance 1,3,5-trimethylbenzene New Jersey - Workplace Hazard Massachusetts - Hazardous Substance New York City - Hazardous Substance aromatic petroleum distillates New Jersey - Workplace Hazard Pennsylvania - Workplace Hazard petroleum asphalt California - Proposition 65 isobutane New Jersey - Workplace Hazard New Jersey - Environmental Hazard New Jersey - Special Hazard

### HE104Q - QUICKDRY ASPHALT PRIMER (AEROSOL CAN)

15. Regulatory Information - Continued

**Ingredient(s) - State Regulations - Continued**

Pennsylvania - Workplace Hazard  
 Massachusetts - Hazardous Substance  
 New York City - Hazardous Substance

propane

New Jersey - Workplace Hazard  
 New Jersey - Environmental Hazard  
 New Jersey - Special Hazard  
 Pennsylvania - Workplace Hazard  
 Massachusetts - Hazardous Substance  
 New York City - Hazardous Substance

xylene

New Jersey - Workplace Hazard  
 New Jersey - Environmental Hazard  
 New Jersey - Special Hazard  
 Pennsylvania - Workplace Hazard  
 Pennsylvania - Environmental Hazard  
 Massachusetts - Hazardous Substance  
 New York City - Hazardous Substance

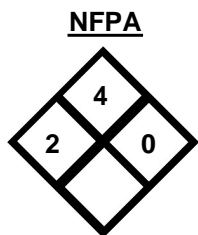
**Canadian Regulatory Information**

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: A - Compressed Gas, B5 - Flammable Aerosol, D2B - Toxic.

**Ingredient(s) - Canadian Regulatory Information**

1,2,4-trimethylbenzene  
 WHMIS - Ingredient Disclosure List  
 1,3,5-trimethylbenzene  
 WHMIS - Ingredient Disclosure List  
 isobutane  
 WHMIS - Ingredient Disclosure List

**WHMIS - Canada (Pictograms)**



**HMIS**

HEALTH	2
FLAMMABILITY	4
REACTIVITY	0
PERSONAL PROTECTION	

16. Other Information

**Revision/Preparer Information**

This MSDS Supersedes A Previous MSDS Dated: 03/20/2008



# MATERIAL SAFETY DATA SHEET

Page 7 of 7

HE104Q - QUICKDRY ASPHALT PRIMER (AEROSOL CAN)

## 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).