



MATERIAL SAFETY DATA SHEET

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SF311 - SYNKO-FLEX PRIMER

1. Product And Company Identification			
Manufacturer HENRY COMPANY 909 N. Sepulveda Blvd., Suite 650 El Segundo, CA 90245-2724 Company Contact: Technical Services Telephone Number: (800) 486-1278 Web Site: www.henry.com www.bakor.com		Manufacturer Emergency Contacts & Phone Number CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666	
Issue Date: 03/04/2008 Supersedes MSDS Dated: 04/12/2007 Product Name: SF311 - SYNKO-FLEX PRIMER Product Code: SF311			
2. Composition/Information On Ingredients			
Ingredient Name		CAS Number	Percent Of Total Weight
1,3,5-trimethylbenzene		108-67-8	1 - 5
petroleum asphalt		8052-42-4	40 - 70
stoddard solvent		8052-41-3	15 - 40
xylene		1330-20-7	1 - 5
EMERGENCY OVERVIEW			
CAUTION! Combustible Liquid. Central nervous system depressant. Vapor may cause light-headedness, headache, nausea, loss of coordination and respiratory tract irritation. Causes skin irritation. Appearance/Odor: Black liquid, 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. 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).			

SF311 - SYNKO-FLEX PRIMER**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: 105 °F

Flash Point Method: closed cup

Lower Explosive Limit: 0.9

Upper Explosive Limit: 6.0

Fire And Explosion Hazards

Combustible Liquid. 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 (CO₂), 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.

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.

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.

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8. Exposure Controls/Personal Protection - Continued

Skin Protection

Use with chemical-protective gloves made of Nitrile or Neoprene 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

1,3,5-trimethylbenzene

ACGIH TLV-TWA 25 ppm

petroleum asphalt

ACGIH TLV-TWA 0.5 mg/m3 (inhalable fraction, as benzene-soluble aerosol)

stoddard solvent

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 500 ppm

xylene

ACGIH TLV-STEL 150 ppm

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 100 ppm

9. Physical And Chemical Properties

Appearance

Black liquid

Odor

Strong petroleum solvent odor

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 310-400 °F

Specific Gravity: 0.93

Percent Volatiles: <35

Vapor Pressure: 2@68°F

Vapor Density: >1

pH Factor: not applicable

Solubility: insoluble in water

Evaporation Rate: <1

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

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 (CO₂).

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11. Toxicological Information
<p><u>Chronic/Carcinogenicity</u></p> <p><u>Miscellaneous Toxicological Information</u> Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.</p> <p><u>Ingredient(s) - Toxicological Data</u> 1,3,5-trimethylbenzene Lethal dose (oral, rat): 23 g/kg lethal to 7 of 10 test animals LC50 (rat): 24 g/m3 (4-hour exposure) stoddard solvent oral-rat LD50: >5000 mg/kg dermal-rabbit LD50: >3000 mg/kg inhal-rat LC50: >5500 mg/m3 (880 ppm) inhal-rat LC50: >1300 ppm xylene LD50 (oral, rat): 5400 mg/kg LD50 (dermal, rabbit): 12180 mg/kg LC50 (rat): 6350 ppm (4-hour exposure)</p>
12. Ecological Information
No specific information available.
13. Disposal Considerations
Dispose in accordance with applicable federal, state and local government regulations.
14. Transport Information
<p>Ground or Water Domestic Voyage</p> <p>Not restricted if shipped in containers <450L (119 gallons)</p> <p>Restricted if shipped in containers >450L (119 gallons)</p> <p>US NA1993, Combustible liquid, n.o.s., (Petroleum Distillates mixture), Combustible liquid, III</p> <p>Canada UN1999, Tars liquid, flammable, 3, III</p> <p>Unless departs >flash point:</p> <p>Both UN3256, Elevated Temperature liquid, flammable, n.o.s., (Petroleum Distillates mixture), 3, III</p> <p>IMDG UN1999, Tars liquid, flammable, 3, III</p> <p>IATA UN1999, Tars liquid, flammable, 3, III</p>

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DOT (Pictograms)



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) - U.S. Regulatory Information

xylene

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

Ingredient(s) - State Regulations

1,3,5-trimethylbenzene

New Jersey - Workplace Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

petroleum asphalt

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

stoddard solvent

New Jersey - Workplace 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: B3 - Combustible Liquid, D2B - Toxic

Ingredient(s) - Canadian Regulatory Information

1,3,5-trimethylbenzene

WHMIS - Ingredient Disclosure List

stoddard solvent

WHMIS - Ingredient Disclosure List

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15. Regulatory Information - Continued

WHMIS - Canada (Pictograms)



<u>NFPA</u>	<u>HMIS</u>								
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HEALTH	1								
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16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 04/12/2007

Disclaimer

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