



MATERIAL SAFETY DATA SHEET

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MT201 - RAM-NEK MARINE TAPE

1. Product And Company Identification			
Supplier 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 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	
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: 10/04/2011 Product Name: MT201 - RAM-NEK MARINE TAPE Product Code: MT201			
2. Composition/Information On Ingredients			
	Ingredient Name	CAS Number	Percent Of Total Weight
	petroleum asphalt	8052-42-4	40 - 70
	cellulose fiber	9004-34-6	5 - 15
	kaolin	1332-58-7	20 - 40
	silica, quartz	14808-60-7	1 - 5
	titanium dioxide	13463-67-7	0.1 - 1
Substances in this product have been pre-registered in accordance with the REACH Regulation - (EC) No. 1907/2006. See Section 15 for additional information.			
EMERGENCY OVERVIEW			
CAUTION! Vapor may cause light-headedness, headache, nausea, loss of coordination and respiratory tract irritation. Causes skin irritation.			
Appearance/Odor: Adhesive Tape, faint 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.			



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<p>3. Hazards Identification - Continued</p> <p><u>Inhalation Hazards</u> Exposure to vapors may cause respiratory tract irritation. Inhalation of vapors or mists may cause central nervous system depression, light-headedness, headache, nausea and loss of coordination.</p> <p><u>Chronic/Carcinogenicity Effects</u> This product or one of its ingredients present at 0.1% or more is listed as a carcinogen by NTP, IARC or OSHA. See Section 11 (Toxicological Information) for more details.</p>
<p>4. First Aid Measures</p> <p><u>Eye</u> 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.</p> <p><u>Skin</u> Remove contaminated clothing and shoes. Wash affected areas with soap and water.</p> <p><u>Ingestion</u> 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.</p> <p><u>Inhalation</u> Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately.</p>
<p>5. Fire Fighting Measures</p> <p>Flash Point: >500 °F Flash Point Method: Closed Cup Lower Explosive Limit: not available Upper Explosive Limit: not available</p> <p><u>Fire And Explosion Hazards</u> Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.</p> <p><u>Extinguishing Media</u> Chemical foam, carbon dioxide (CO2), water fog or dry chemical.</p> <p><u>Fire Fighting Instructions</u> Firefighters should wear self-contained breathing apparatus and full protective gear.</p>
<p>6. Accidental Release Measures</p> <p>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.</p>
<p>7. Handling And Storage</p> <p><u>Handling And Storage Precautions</u> Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Do not handle or store near strong oxidants or strong acids. Use only with adequate ventilation.</p>
<p>8. Exposure Controls/Personal Protection</p> <p><u>Engineering Controls</u> 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.</p>



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8. Exposure Controls/Personal Protection - Continued

Eye/Face Protection

Safety glasses with side shields or goggles recommended.

Skin Protection

Use with chemical-protective gloves to prevent skin contact.

Respiratory Protection

This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

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 and particulate filter or supplied air respirator.

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

Ingredient(s) - Exposure Limits

petroleum asphalt

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

cellulose fiber

ACGIH TLV-TWA 10 mg/m3

kaolin

ACGIH TLV-TWA 2 mg/m3

OSHA PEL-TWA 15 mg/m3

OSHA PEL-TWA 5 mg/m3

silica, quartz

ACGIH TLV-TWA 0.025 mg/m3

OSHA PEL-TWA 30mg/m3 / (%SiO₂+2) (total dust)

OSHA PEL-TWA 10 mg/m3/ (%SiO₂+2) (respirable dust)

titanium dioxide

ACGIH TLV-TWA 10 mg/m3 (respirable)

OSHA PEL-TWA 15 mg/m3 (total dust)

9. Physical And Chemical Properties

Appearance

Adhesive Tape

Odor

Faint petroleum solvent odor

Chemical Type: Mixture

Physical State: Solid

Boiling Point: 212-250 °F

Specific Gravity: not available

Percent Volatiles: not available

Vapor Pressure: not available

Vapor Density: >1

pH Factor: not available

Solubility: insoluble in water

Evaporation Rate: <1



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10. Stability And Reactivity
<p>Stability: Stable Hazardous Polymerization: Will not occur</p> <p>Incompatible Materials Avoid contact with strong oxidizing agents and acids.</p> <p>Hazardous Decomposition Products Toxic and irritating gases, vapors or fumes, carbon monoxide (CO), carbon dioxide (CO2).</p>
11. Toxicological Information
<p>Chronic/Carcinogenicity IARC has concluded that the following chemicals in this product are carcinogenic to humans (Group 1): silica, quartz IARC has concluded that the following chemicals in this product are possibly carcinogenic to humans (Group 2B): titanium oxide</p> <p>ACGIH has designated the following chemicals in this product as suspected human carcinogens (A2): silica, quartz NTP has listed the following chemicals in this product as known human carcinogens: silica, quartz</p> <p>Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.</p> <p>Miscellaneous Toxicological Information Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.</p> <p>Ingredient(s) - Toxicological Data cellulose fiber LD50 (oral, rat): >2000 mg/kg LC50 (rat): >5800 mg/m3 (4-hour exposure) silica, quartz iv-rat LD50: 500 mg/kg bw/Quartz (10-200 um)</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
Ground Not Restricted IMDG Not Restricted IATA Not Restricted
15. Regulatory Information
<p>U.S. Regulatory Information Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.</p> <p>Ingredient(s) - State Regulations petroleum asphalt New Jersey - Workplace Hazard</p>

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15. Regulatory Information - Continued

Ingredient(s) - State Regulations - Continued

- Pennsylvania - Workplace Hazard
- Massachusetts - Hazardous Substance
- New York City - Hazardous Substance
- cellulose fiber
 - Pennsylvania - Workplace Hazard
- kaolin
 - Pennsylvania - Workplace Hazard
- silica, quartz
 - New Jersey - Workplace Hazard
 - Pennsylvania - Workplace Hazard
 - California - Proposition 65
 - Massachusetts - Hazardous Substance
- titanium dioxide
 - New Jersey - Workplace Hazard
 - Pennsylvania - Workplace Hazard
 - 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: D2A - Very Toxic

Ingredient(s) - Canadian Regulatory Information

- silica, quartz
 - WHMIS - Ingredient Disclosure List

European Union (EU) Regulatory Information

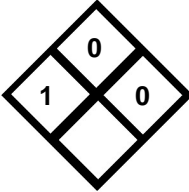
REACH Pre-registration Information:

Substance (CAS#)	Reference Number
Asphalt (8052-42-4)	05-2114366982-36-0000
Quartz (14808-60-7)	05-2114366999-21-0000
Kaolin (1332-58-7)	05-2114366993-33-0000
Cellulose (9004-34-6)	05-2114366989-22-0000
Titanium Dioxide (13463-67-7)	05-2114367060-59-0000

WHMIS - Canada (Pictograms)



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<p>NFPA</p> 	<p>HMIS</p> <table border="1"> <tr> <td>HEALTH</td> <td style="text-align: center;">1</td> </tr> <tr> <td>FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>REACTIVITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td></td> </tr> </table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	
HEALTH	1								
FLAMMABILITY	0								
REACTIVITY	0								
PERSONAL PROTECTION									

16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 11/12/2008

Disclaimer

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