

## MATERIAL SAFETY DATA SHEET

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer's name and address:**


The W.W. Henry Company

400 Ardex Park Drive

Aliquippa, PA, U.S.A.

15001

Information Telephone No.

: (724) 203-8499

 Visit our Website: <http://www.wwhenry.com>
**24 Hr. Emergency Tel #**

: CHEM-TEL: 1-800-255-3924 OR 1-813-248-0585 (call collect)

**Product Identifier**

 : **Henry 1171 N**
**Chemical Name**

: N/Ap

**Chemical Family**

: Mixture.

**Chemical Formula**

: N/Ap

**Trade Name/Synonyms**

: Henry 1171 N

**Molecular Weight**

: N/Ap

**Material Use**

: Filled, latex-based adhesive

**WHMIS Classification**

: Class D2B (Materials Causing Other Toxic Effects, Toxic Material)

**HMIS Rating**

: \* - Chronic hazard 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe

*Health:* \*2

*Flammability:* 1

*Reactivity:* 0

### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS #	% (weight)	ACGIH TLV		OSHA PEL	
			TWA	STEL	PEL	STEL
VM&P Naphtha	64742-89-8	1.00 - 5.00	N/Av	N/Av	N/Av	N/Av

Note: This product does NOT contain asbestos.

This material is classified as hazardous under OSHA regulations (29CFR 1910.1200).

### SECTION 3 - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Yellowish beige paste. Mild solvent odour.

May be harmful if inhaled or swallowed. May cause eye irritation. May cause respiratory irritation.

May cause central nervous system depression. May be an aspiration hazard.

Prolonged or repeated skin contact may cause drying and irritation.

#### \*\*\*POTENTIAL HEALTH EFFECTS\*\*\*

**Target organs** : Eyes, skin, respiratory system and digestive system.

**Routes of exposure** : *Inhalation:* YES *Skin Absorption:* NO *Skin & Eyes:* YES *Ingestion:* YES

**Signs and symptoms of short-term (acute) exposure**
*Inhalation* : May cause irritation to the nose, throat and upper respiratory tract. May cause headache, nausea, dizziness and other symptoms of central nervous system depression.

*Skin* : May cause mild transient irritation.

*Eyes* : May cause mild to moderate irritation.

*Ingestion* : Ingestion of large amounts may cause stomach irritation. Symptoms may include nausea, vomiting, dizziness, drowsiness and other symptoms of central nervous system depression. May be an aspiration hazard. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.

**Effects of long-term (chronic) exposure**

: Prolonged or repeated contact may cause drying, cracking and defatting of the skin.

**Conditions aggravated by overexposure**

: Pre-existing skin, eye and respiratory disorders.

**Carcinogenic status**

: See TOXICOLOGICAL INFORMATION, Section 11.

**Additional health hazards** : See TOXICOLOGICAL INFORMATION, Section 11.

**Potential environmental effects** : See ECOLOGICAL INFORMATION (Section 12).

#### SECTION 4 - FIRST AID MEASURES

**Inhalation** : If inhaled, move to fresh air. If irritation persists, seek prompt medical attention.

**Skin contact** : Remove contaminated clothing. Wash off with soap and plenty of water. If irritation persists, seek prompt medical attention.

**Eye contact** : Immediately flush eyes with plenty of water for at least 15 minutes. Obtain medical attention immediately.

**Ingestion** : Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Obtain medical attention immediately. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.

**Notes For Physician** : Treat symptomatically.

#### SECTION 5 - FIRE FIGHTING MEASURES

**Fire hazards/conditions of flammability**

: Not flammable under normal conditions of use. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Vapours are heavier than air and collect in confined and low-lying areas.

**Flammability classification (OSHA 29 CFR 1910.1200)**

: Non-flammable.

**Flash point** : > 93.3°C / > 200°F

**Flash point Method** : Setaflash Closed Tester

**Auto-ignition temperature** : N/Av

**Lower flammable limit (% by vol.)**

: Not available.

**Upper flammable limit (% by vol.)**

: Not available.

**Oxidizing properties**

: None.

**Flame Projection Length**

: Not applicable.

**Flashback observed**

: Not applicable.

**Explosion data: Sensitivity to mechanical impact / static discharge**

: Not expected to be sensitive to mechanical impact or static discharge.

**Suitable extinguishing media**

: Dry chemical, foam, carbon dioxide and water fog.

**Special fire-fighting procedures/equipment**

: Firefighters should wear proper protective equipment and self contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. After fires have been extinguished, carefully clean all equipment and surfaces exposed to fumes.

**Hazardous combustion products**

: Carbon monoxide, carbon dioxide, calcium oxides, nitrogen oxides and other toxic vapors and gases, that are common to thermal degradation of organic compounds.

#### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions**

: Restrict access to area until completion of clean-up. All persons dealing with clean-up should wear the appropriate chemically protective equipment. Refer to point 8 on this Safety Data Sheet, EXPOSURE CONTROLS / PERSONAL PROTECTION, for additional information on acceptable personal protective equipment.

**Environmental precautions**

: Do not allow product to enter waterways. Do not allow material to contaminate ground water system.

**Spill response/cleanup**

: Ventilate area of release. Eliminate all ignition sources. Stop spill or leak at source if safely possible. Contain material, preventing it from entering sewer lines or waterways. Use inert, non-combustible absorbents to assist the pick up of material. Scrape up product and place it into a container for disposal. Residual of product, while still wet, can be cleaned up with warm soapy water. Notify the appropriate authorities as required.

**Prohibited materials**

: None known.

**Special spill response procedures**

: If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8002).  
US CERCLA Reportable quantity (RQ): None reported.

## SECTION 7 - HANDLING AND STORAGE

- Safe Handling procedures** : Wear suitable protective equipment during handling. Use with adequate ventilation. Training the workers on the potential health hazards associated with product vapor, dust or fume is important. Secondary inhalation exposures could occur when cleaning equipment, or when removing or laundering the clothing. Avoid breathing vapors, fumes or dust. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Keep away from oxidizing materials. Avoid and control operations which create high vapor or dust concentrations. Keep containers tightly closed when not in use. Wash thoroughly after handling.
- Storage requirements** : Store in a cool, dry, well-ventilated area. No smoking in the area. Do not store near any incompatible materials (see Section 10). Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Protect against physical damage.
- Incompatible materials** : See Section 10.
- Special packaging materials** : Always keep in containers made of the same materials as the supply container.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Ventilation and engineering measures** : Use with adequate ventilation. Provide adequate cross air circulation. Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.
- Respiratory protection** : If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators.
- Skin protection** : Where contact is likely, impervious gloves are recommended. Advice should be sought from glove suppliers.
- Eye / face protection** : Safety glasses with side shields should be used with this product.
- Other protective equipment** : Wear sufficient clothing to prevent skin contact. An eyewash station and safety shower should be made available in the immediate working area.
- General hygiene considerations** : Avoid contact with eyes, skin and clothing. Avoid breathing vapors, fumes or dust. Do not eat, drink or smoke when using this product. Clean all equipment and clothing at end of each work shift.
- Permissible exposure levels** : For individual ingredient exposure levels, see Section 2.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- |   |  |   |   |
|---|--|---|---|
| <b>Physical state</b>                         | : paste                                      | <b>Appearance</b>                             | : Yellowish beige paste.                  |
| <b>Odour</b>                                  | : Mild solvent odour.                        | <b>Odour threshold</b>                        | : N/Av                                    |
| <b>pH</b>                                     | : 8.1-8.4                                    |   |   |
| <b>Boiling point</b>                          | : N/Av                                       | <b>Specific gravity</b>                       | : 1.44                                    |
| <b>Melting/Freezing point</b>                 | : N/Av                                       | <b>Coefficient of water/oil distribution</b>  | : N/Av                                    |
| <b>Vapour pressure (mmHg @ 20° C / 68° F)</b> | : N/Av                                       | <b>Solubility in water</b>                    | : dispersible                             |
| <b>Vapour density (Air = 1)</b>               | : N/Av                                       | <b>Evaporation rate (n-Butyl acetate = 1)</b> | : N/Av                                    |
| <b>Volatile organic Compounds (VOC's)</b>     | : 25 g/L (calculated at 21°C / 70°F, SCAQMD) | <b>Volatiles (% by weight)</b>                | : 15 (30 min. @ 135°C / 275°F)            |
| <b>Particle size</b>                          | : N/Av                                       | <b>General Info.</b>                          | : Weight / Gallon: 12.0 lb. (water = 8.3) |

## SECTION 10 - REACTIVITY AND STABILITY DATA

- Stability and reactivity** : Stable under the recommended storage and handling conditions prescribed.
- Hazardous polymerization** : Hazardous polymerisation does not occur.
- Conditions to avoid** : Extreme heat.
- Materials To Avoid And Incompatibility** : Strong oxidizing agents, acids and bases.
- Hazardous decomposition products** : None known, refer to hazardous combustion products in Section 5.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Toxicological data** : There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

<u>Ingredients</u>	<u>LC<sub>50</sub>(4hr)</u> <u>inh. rat</u>	<u>LD<sub>50</sub></u>	
		<u>oral</u>	<u>dermal</u>
VM&P Naphtha	N/Av	5000 mg/kg	3000 mg/kg

**Carcinogenic status** : No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.  
**Reproductive effects** : None known.  
**Teratogenicity** : None known.  
**Mutagenicity** : None known.  
**Epidemiology** : Not available.  
**Sensitization to material** : Not expected to be a skin or respiratory sensitizer.  
**Synergistic materials** : N/Av  
**Irritancy** : Mild to moderate eye irritant. Mild skin irritant.  
**other important hazards** : See Section 3 for additional information.

**SECTION 12 - ECOLOGICAL INFORMATION**

**Environmental effects** : The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.

**Important environmental characteristics** : N/Av

**Ecotoxicological** : No data is available on the product itself.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Handling for Disposal** : Handle waste according to recommendations in Section 7.

**Methods of Disposal** : Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

**RCRA** : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

**SECTION 14 - TRANSPORTATION INFORMATION**

<b>Regulatory Information</b>	<b>UN Number</b>	<b>Shipping Name</b>	<b>Class</b>	<b>Packing Group</b>	<b>Label</b>
TDG	None	Not regulated.	not regulated	none	
<b>TDG Additional information</b>	None.				
49CFR/DOT	None	Not regulated.	not regulated	none	
<b>49CFR/DOT Additional information</b>	None.				

**SECTION 15 - REGULATORY INFORMATION**

**Canadian Information:**

**Canadian WHMIS Classification:** *This product is a WHMIS Controlled Product. It meets one or more of the criteria for a controlled product provided in Part IV of the Controlled Products Regulations (CPR). Refer to Section 1 for a WHMIS Classification for this product.*

**This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.**

**Canadian Environmental Protection Act (CEPA):** *All components of this product are on the Canadian DSL list.*

**US Federal Information:**

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

CERCLA Reportable Quantity (RQ) (40 CFR 117.302): None reported.

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical constituents above de minimus concentrations.

**US State Right to Know Laws:**

California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.

**SECTION 16 - OTHER INFORMATION**

- Legend** :
- ACGIH: American Conference of Governmental Industrial Hygienists
  - CAS: Chemical Abstract Services
  - CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
  - CFR: Code of Federal Regulations
  - DOT: Department of Transportation
  - DSL: Domestic Substances List
  - EPA: Environmental Protection Agency
  - IARC: International Agency for Research on Cancer
  - N/Av: not available
  - N/Ap: not applicable
  - NIOSH: National Institute of Occupational Safety and Health
  - NTP
  - OSHA: Occupational Safety and Health Administration
  - PEL: Permissible exposure limit
  - RCRA: Resource Conservation and Recovery Act
  - SARA: Superfund Amendments & Reauthorization Act
  - STEL: Short Term Exposure Limit
  - TLV: Threshold Limit Values
  - TSCA: Toxic Substance Control Act
  - TWA: Time Weighted Average
  - WHMIS: Workplace Hazardous Materials Identification System
- References** :
1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2007.
  2. International Agency for Research on Cancer Monographs, searched 2008.
  3. Material Safety Data Sheet from manufacturer.
  4. US EPA Title III List of Lists - January 27, 2005 version.
  5. California Proposition 65 List - July 1, 2008 version.

**DISCLAIMER OF LIABILITY**

The Information presented herein is supplied as a guide to those who handle or use this product and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all-inclusive. The manner and conditions of use and handling may involve other and additional considerations. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

No warranty of any kind is given or implied. The W.W. Henry Company will not be liable for any damages, losses, injuries or consequential damages which may result from the use or reliance on any information contained herein. This Material Safety Data Sheet is valid for three (3) years.

**Prepared By:**

The W.W. Henry Company

**Henry 1171 N**

MSDS Preparation Date (dd/mm/yyyy): 24/07/2008

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Visit our Website: <http://www.wwhenry.com>

**MSDS Preparation Date (dd/mm/yyyy)**

: 24/07/2008

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