

MATERIAL SAFETY DATA SHEET

Section 1 - Identification

Manufacturer's name and address:

HENRY.

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>

Supplier's name and address:

Refer to Manufacturer

24 Hr. Emergency Tel #

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

Product Identifier

: **Henry 130 Black Thin Spread Floor Adhesive**

Chemical Name

: N/Ap

Chemical Family

: Mixture.

Chemical Formula

: N/Ap

Trade Name/Synonyms

: Henry® 130

Molecular Weight

: N/Ap

Material Use

: Water based adhesive.

HMIS Rating

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

Health: *2

Flammability: 1

Reactivity: 0

SECTION 2 - HAZARDS IDENTIFICATION

Classification

: WHMIS classification:

Class D2A (Materials Causing Other Toxic Effects, Very Toxic Material);

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

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

Chronic Health Hazard.

During normal usage of the product as recommended, airborne dusts will not be present. See Section 7 (Handling and Storage) for further details.

Emergency overview:

: Black paste. Pine scent.

Warning! May cause headache, nausea, dizziness and other symptoms of central nervous system depression. Contact with eyes or skin may cause mild irritation. May cause allergic respiratory reaction. May cause allergic skin reaction.

POTENTIAL HEALTH EFFECTS:

Signs and symptoms of short-term (acute) exposure

Inhalation : Inhalation of vapours may cause mild irritation to the mucous membrane. Exposure to high vapour concentration can cause dizziness, nausea and central nervous system depression.

Skin : May cause mild transient irritation. Prolonged contact, may be more irritating.

Eyes : May cause mild transient irritation.

Ingestion : Ingestion of large amounts may cause stomach irritation.

Effects of long-term (chronic) exposure

: None known or reported by the manufacturer.

Carcinogenic status

: See TOXICOLOGICAL INFORMATION, Section 11.

Additional health hazards

: Possible sensitizer. See TOXICOLOGICAL INFORMATION, Section 11.

Potential environmental effects

: See ECOLOGICAL INFORMATION, Section 12.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS #	Wt.%

Asphalt	8052-42-4	40.00 - 70.00
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	1.00 - 5.00
Urea	57-13-6	1.00 - 5.00
Rosin	8050-09-7	0.50 - 1.50
Crystalline silica, quartz	14808-60-7	0.10 - 0.50

Note: This product does NOT contain asbestos.

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** : Flush with plenty of water. If irritation persists, seek prompt medical attention.
- Ingestion** : Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Consult a physician if symptoms develop and persist.
- Notes For Physician** : Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

- Fire hazards/conditions of flammability** : Not flammable under normal conditions of use. However, may ignite if exposed to extreme heat and flame. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.
- Flammability classification (OSHA 29 CFR 1910.1200)** : Combustible Liquid Class III B.
- Oxidizing properties** : None.
- Explosion data: Sensitivity to mechanical impact / static discharge** : Not expected to be sensitive to mechanical impact or static discharge.
- Suitable extinguishing media** : Carbon dioxide (CO2); Dry chemical; Water spray; Foam .
- 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.
- Hazardous combustion products** : Carbon monoxide, carbon dioxide and other toxic vapors and gases, that are common to thermal degradation of organic compounds.
- NFPA Rating** : 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe
 : *Health: 2 Flammability: 1 Instability: 0 Special Hazards: None*

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Restrict access to area until completion of clean-up. Wear suitable protective equipment. For personal protection see section 8.
- 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. Refer to Section 13 for disposal of contaminated material. 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

Boiling point	: 100°C (212°F)	Specific gravity	: 1.04
Melting/Freezing point	: N/Av	Coefficient of water/oil distribution	: N/Av
Vapour pressure (mmHg @ 20° C / 68° F)	: same as water	Solubility in water	: Miscible; dispersible
Vapour density (Air = 1)	: same as water	Evaporation rate (n-Butyl acetate = 1)	: same as water
Volatile organic Compounds (VOC's)	: 0.5 g/l	Volatiles (% by weight)	: 30 - 40%
Particle size	: N/Av	General Info.	: Weight / Gallon: N/Av
Flash point	: > 93.3°C (200°F)	Auto-ignition temperature	: N/Av
Flash point Method	: Setaflash Closed Tester	Upper flammable limit (% by vol.)	: N/Av
Lower flammable limit (% by vol.)	: N/Av	Flashback observed	: Not applicable.
Flame Projection Length	: Not applicable.		

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	: Oxidizing agents.
Hazardous decomposition products	: None known, refer to hazardous combustion products in Section 5.

SECTION 11 - TOXICOLOGICAL INFORMATION

Target organs	: Eyes, skin, respiratory system, digestive system, central nervous system.
Routes of exposure	: <i>Inhalation:</i> YES <i>Skin Absorption:</i> NO <i>Skin & Eyes:</i> YES <i>Ingestion:</i> YES
Toxicological data	: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

Ingredients	LC₅₀(4hr) inh, rat	LD₅₀	
		oral	dermal
Asphalt	N/Av	> 5000 mg/kg (rat)	N/Av
Distillates (petroleum), hydrotreated heavy naphthenic	2.18 mg/L (mist)	> 5000 mg/kg (rat)	> 3160 mg/kg (rabbit)
Urea	N/Av	8471 mg/kg (rat)	> 21,000 mg/kg (rabbit)
Rosin	N/Av	N/Av	N/Av
Crystalline silica, quartz	N/Av	N/Av	N/Av

Carcinogenic status	: Not considered to be a hazard. During normal usage of the product as recommended, airborne dusts will not be present. Do not sand off excess material, following initial application. When removing adhesive from existing flooring (ie. during a renovation), do not mechanically remove under dry conditions (e.g. blasting, chipping, mechanically pulverizing).
Reproductive effects	: None known.
Teratogenicity	: None known.
Mutagenicity	: None known.
Epidemiology	: Not available.
Sensitization to material	: May cause allergic respiratory reaction (sensitization) with asthmatic symptoms such as wheezing and chest tightness. May cause severe skin sensitization with allergic contact dermatitis symptoms such as swelling, rash and eczema.
Synergistic materials	: N/Av

Irritancy : Mild.
other important hazards : See Section 3 for additional information.
Conditions aggravated by overexposure : Pre-existing skin, eye and respiratory disorders.


SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity : No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.
Mobility : No data is available on the product itself.
Persistence : No data is available on the product itself.
Bioaccumulation potential : No data is available on the product itself.
Other Adverse Environmental effects : None known.

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

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

SECTION 15 - REGULATORY INFORMATION

Canadian Information:

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

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 Canadian Controlled Products Regulations (CPR). Refer to Section 2 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.

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: This product contains a chemical known to the State of California to cause cancer. Contains: Crystalline silica, quartz.

Other U.S. State "Right to Know" Lists: The following chemicals are specifically listed by individual States: Asphalt (CA, MA, MN, NJ, PA, RI); Urea (MN); Rosin (MN); Crystalline silica, quartz (MA, MN, NJ, PA, RI).

SECTION 16 - OTHER INFORMATION

- Legend** :
- ACGIH: American Conference of Governmental Industrial Hygienists
 - AIHA: American Industrial Hygiene Association
 - CA: California
 - 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
 - LC: Lethal Concentration
 - LD: Lethal Dose
 - MA: Massachusetts
 - MN: Minnesota
 - N/Av: Not Available
 - N/Ap: Not Applicable
 - NIOSH: National Institute of Occupational Safety and Health
 - NJ: New Jersey
 - NTP: National Toxicology Program
 - OSHA: Occupational Safety and Health Administration
 - PA: Pennsylvania
 - PEL: Permissible exposure limit
 - RCRA: Resource Conservation and Recovery Act
 - RI: Rhode Island
 - SARA: Superfund Amendments and Reauthorization Act
 - STEL: Short Term Exposure Limit
 - TLV: Threshold Limit Values
 - TSCA: Toxic Substance Control Act
 - TWA: Time Weighted Average
 - WEEL: Workplace Environmental Exposure Level
 - WHMIS: Workplace Hazardous Materials Identification System

- References** :
1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2009.
 2. International Agency for Research on Cancer Monographs, searched 2009.
 3. Canadian Centre for Occupational Health and Safety, CCHInfoWeb databases, 2009 (Chempendum and RTECs).
 4. Material Safety Data Sheet from manufacturer.
 5. US EPA Title III List of Lists - October 2006 version.
 6. California Proposition 65 List - September 11, 2009 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:

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Henry 130 Black Thin Spread Floor Adhesive

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Revision No.

: 2

Revision Information

: Sections 2 and 3, switched.

(M)SDS sections updated:

2. HAZARDS IDENTIFICATION;
3. COMPOSITION/INFORMATION ON INGREDIENTS;
5. FIRE-FIGHTING MEASURES;
8. EXPOSURE CONTROLS / PERSONAL PROTECTION;
9. PHYSICAL AND CHEMICAL PROPERTIES;
11. TOXICOLOGICAL INFORMATION;
12. ECOLOGICAL INFORMATION;
15. REGULATORY INFORMATION.

END OF DOCUMENT