

SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's name and address:

HENRY

The W.W. Henry Company
400 Ardex Park Dr.
Aliquippa, PA 15001 USA

Supplier's name and address:

Refer to Manufacturer

Information Telephone No. : (724) 203-8000
Website Address : <http://www.wwhenry.com>
24 Hr Emergency Telephone # : CHEM-TEL: 1-800-255-3924 OR 1-813-248-0585 (call collect)
Product Identifier : HENRY® 263 “WeatherPro” Outdoor Carpet Adhesive
Product ID No. : 70010072
Trade Name/Synonyms : Henry 263
Material Use : Adhesive for exterior installation of outdoor carpets. NOT FOR INDOOR CARPETS. Contains solvent.
Uses Advised Against : Do not use for Indoor carpets. Use only according to the Technical Data Sheet.

SECTION 2 – HAZARDS IDENTIFICATION

GHS Classification per 29 CFR 1910.1200 (OSHA HCS 2012) and HPR (WHMIS 2015)

Flammable Liquid, Category 2
Skin Corrosion/Irritation, Category 2
Eye Damage/Irritation, Category 2B
Acute Toxicity, Inhalation, Category 4
Specific Target Organ Toxicity, Single Exposure, Category 3 (Narcotic Effect)
Specific Target Organ Toxicity, Single Exposure, Category 3 (Respiratory Tract Irritation)
Aspiration Hazard, Category 1.

GHS Pictograms



Signal Word

Danger

Hazard Statements

Highly flammable liquid and vapor.
Causes skin irritation.
Causes eye irritation.
Harmful if inhaled.
May cause drowsiness or dizziness.
May cause respiratory irritation.
May be fatal if swallowed and enters airways.

Precautionary Statements

Keep away from heat/sparks/open flames/hot surfaces. — No smoking. In case of fire: Use fire extinguishers suitable for Classes B, C, or E for extinction.

Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/...equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors, not approved for indoor use. Wear protective gloves/protective clothing/eye protection. Wash hands and exposed skin thoroughly after handling. Take off contaminated clothing and wash before reuse. Do not subject to grinding. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Dispose of contents / container in accordance with federal, state, and local laws. Do not allow product to enter drains.

Vapor may cause flash fire! May be an aspiration hazard. Aspiration may occur during swallowing or vomiting, resulting in lung injury

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

Hazards Not Otherwise Classified

None.

% With Unknown Acute Toxicity : Up to 27% by weight of this product is comprised of ingredients with unknown acute toxicity.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS #	% (by weight)
Kaolin	1332-58-7	10.00 – 30.00
Hexane, Hydrotreated light naphtha (petroleum)	64742-49-0	10.00 – 30.00
Limestone	1317-65-3	10.00 – 30.00
VM&P Naphtha, Solvent naphtha (petroleum), light aliphatic	64742-89-8	10.00 – 30.00
Crystalline Silica, quartz	14808-60-7	0.10 – 1.00

The exact percentages of the ingredients have been withheld by the manufacturer as trade secrets.

SECTION 4 – FIRST AID MEASURES

- General** : IF exposed or concerned: Get medical advice/attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: call a doctor/physician.
- Skin contact** : Remove/Take off immediately all contaminated clothing. Flush affected skin with gently flowing lukewarm water for at least 20 minutes. Seek immediate medical attention/advice.
- Eye contact** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
- Ingestion** : Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
- Notes for Physician** : Treat symptomatically.

Signs and symptoms of short-term (acute) exposure

- Inhalation* : May cause irritation to the nose, throat and upper respiratory tract. Inhaling high concentrations may cause central nervous system (CNS) depression, with effects ranging from dizziness and headache to unconsciousness.
- Skin* : Slight to moderate irritation. Absorption through skin can cause CNS effects ranging from dizziness and headache to unconsciousness.
- Eyes* : May cause mild eye irritation.
- Ingestion* : May cause irritation of mouth, throat, and stomach. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects. 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 skin exposure may cause redness, a burning sensation, drying and cracking of the skin (dermatitis). Prolonged overexposure may cause liver and kidney effects.

Indication of need for immediate medical attention or special treatment

- : Difficulty breathing persists after removing the person to fresh air.
- Any exposure to the eye which causes irritation.
- Ingestion.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media : Carbon dioxide, dry chemical powder, appropriate foam or water fog.

Unsuitable extinguishing media : water jet

Hazardous combustion products : Carbon oxides; Hydrocarbons; Aldehydes; other unidentified organic compounds.

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.

Environmental precautions : Do not allow material to enter drains or contaminate ground water system.

Fire hazards/conditions of flammability

- : Highly flammable liquid. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Vapors may be heavier than air and may collect in confined and low-lying areas. Vapor can travel considerable distance and flashback to a source of ignition. Material will float on water and can be re-ignited at the water’s surface.

Flammability classification (OSHA 29 CFR 1910.1200, WHMIS 2015)

- : Flammable Liquid, Category 2.

Flammability classification (NFPA)

- : Flammable Liquid Class 1B.

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.

Protective equipment : Refer to Section 8 on this Safety Data Sheet, EXPOSURE CONTROLS / PERSONAL PROTECTION, for additional information on acceptable personal protective equipment.

Emergency 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): Hexane, 5000 lbs. (2270 kg).

Methods and materials for containment and cleaning up

- : Ventilate area of release. Stop spill or leak at source if safely possible. Contain product with inert, non-combustible absorbent material, preventing it from entering sewer lines or waterways. Use only non-sparking tools to scrape up spilled material and place in suitable container for later disposal (see Section 13). Do not use water when cleaning up spills of this product. Notify the appropriate authorities as required.

Prohibited materials : Do not use combustible absorbents, such as sawdust.

Environmental precautions : Do not allow product to enter drains or waterways. Do not allow material to contaminate ground water system.

Reference to other sections : See Section 13 for disposal information.

SECTION 7 – HANDLING AND STORAGE

Safe handling procedures : Observe good hygiene standards. Use only with adequate ventilation. Do not eat, drink or smoke in the work area. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Avoid repeated or prolonged skin contact. Do not breathe vapors or mists of this product. Keep away from heat and sources of ignition. Ground all equipment during handling. Keep away from oxidizing materials. Promptly remove any clothing that becomes contaminated. Clean contaminated clothing before reuse. Keep container tightly closed.

Avoid and control operations which create dust. Sanding and grinding dusts may be harmful if inhaled. When removing dried product from existing flooring (i.e. during a renovation), wear safety goggles and respiratory protection from dust due to blasting, chipping, or mechanically pulverizing. Wear protective clothing to prevent skin contact.

Storage requirements : Store in a cool, dry, well-ventilated area. Store away from heat and open flame. Avoid storing in direct sunlight. Store in original container. Keep tightly closed when not in use. Do not reuse empty container without commercial cleaning or reconditioning.

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

Permissible Exposure Limits : No exposure limits have been established for the product itself. Below are exposure limits for the components in the product.

Ingredients	CAS #	ACGIH TLV		OSHA PEL	
		TWA	STEL	PEL	STEL
Kaolin	1332-58-7	2 mg/m ³ (respirable)	N/Av	15 mg/m ³ (Total dust); 5 mg/m ³ (respirable)	N/Av
Hydrotreated light naphtha (petroleum)	64742-49-0	N/Av	N/Av	N/Av	N/Av
Calcium Carbonate	1317-65-3	10 mg/m ³	N/Av	15 mg/m ³ (Total dust); 5 mg/m ³ (respirable)	N/Av
Solvent naphtha (petroleum), light aliphatic	64742-89-8	N/Av	N/Av	500 ppm	N/Av
Crystalline Silica, Quartz	14808-60-7	0.025 mg/m ³ (respirable fraction)	N/Av	0.05 mg/m ³ (respirable) (final rule limit)	N/Av

*Note: The OSHA PEL's and ACGIH TLV's listed above for Solvent naphtha (petroleum), light aliphatic are final rule / vacated values, and are for 'VM&P Naphtha'.

Engineering Controls : Use explosion-proof general or local exhaust ventilation to maintain air concentrations below recommended exposure limits. Ventilation should effectively remove and prevent buildup of any vapor or mist generated from the handling of this product.

Personal Protection Equipment

Eye / face protection : Chemical goggles must be worn when using this product. Additionally, a face shield is recommended if splashing is possible.

Skin protection : Wear chemical resistant protective clothing and impervious gloves. Materials such as nitrile rubber or Viton (fluorocarbon rubber) are recommended.

Body protection : Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact.

Respiratory protection : If work process generates excessive quantities of vapor, or exposures in excess of any PEL, or if vapor concentration is unknown, wear an appropriate organic vapor respirator.

- Site safety equipment** : 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. Do not breathe vapors/dust. Do not eat, drink or smoke when using this product. Clean all equipment and clothing at end of each work shift.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

- | | | | |
|---|-----------------------|---|---------------------------|
| Physical state | : paste | Appearance | : Tan paste |
| Odor | : Solvent | Odor threshold | : N/Av |
| pH | : N/Av | Specific gravity | : 1.12 |
| Boiling point | : 154.4°F (68°C) | Coefficient of water/oil distribution | : N/Av |
| Melting/Freezing point | : N/Av | Solubility in water | : Insoluble |
| Vapor pressure (mm Hg @ 20°C / 68°F) | : N/Av | Evaporation rate (n-Butyl acetate = 1) | : N/Av |
| Vapor density (Air = 1) | : > 1 | Volatiles (% by weight) | : 30 - 32 |
| Volatile organic compounds (VOCs) | : 328 g/L SCAQMD 1168 | | |
| Particle size | : N/Av | Flammability classification | : Flammable Liquid Cat. 2 |
| Flash point | : 0°F (-18°C) | Lower flammable limit (% by vol) | : Not available |
| Flash point method | : Setflash closed | Upper flammable limit (% by vol) | : Not available |
| Auto-ignition temperature | : N/Av | Decomposition temperature | : Not available |
| Viscosity | : Not available | Oxidizing properties | : Not available |
- Explosion data: Sensitivity to mechanical impact / static discharge**
: Not expected to be sensitive to mechanical impact. Static discharge could ignite the vapors released by this product.

SECTION 10 – REACTIVITY AND STABILITY INFORMATION

- Reactivity** : Does not react.
- Stability** : Stable under the recommended storage and handling conditions prescribed.
- Hazardous reactions** : Hazardous polymerization does not occur.
- Conditions to avoid** : Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
- Materials to avoid and incompatibility**
: Oxidizing agents.
- Hazardous decomposition products**
: None known, refer to hazardous combustion products in Section 5.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of exposure : *Inhalation*: YES *Skin Absorption*: YES *Skin and Eyes*: YES *Ingestion*: YES

Symptoms of exposure : See Section 4.

Calculated Acute Toxicity Estimates for the Product

- Inhalation* : > 50 mg/L
Oral : > 5000 mg/kg
Dermal : > 3000 mg/kg

Toxicological data : See below for individual ingredient acute toxicity data.

Ingredients	LD50		
	LC50 (4 hr) Inhalation, rat	Oral, rat	Dermal, rabbit
Kaolin	N/Av	N/Av	N/Av
Hydrotreated light naphtha (petroleum)	48000 ppm	25000 mg/kg	2000 mg/kg
Calcium carbonate	N/Av	6450 mg/kg	N/Av

Solvent naphtha (petroleum) light aliphatic	3400 ppm	> 8000 mg/kg	> 4000 mg/kg
Crystalline Silica, Quartz	N/Av	N/Av	N/Av

- Skin corrosion or irritation** : May cause irritation to skin.
- Serious eye damage / eye irritation** : Moderately irritating to eyes.
- Respiratory or skin sensitization** : None known.
- Germ cell mutagenicity** : None known.
- Carcinogenic status** : Not considered to be a hazard. This product contains Crystalline silica. Crystalline silica (respirable size) is classified as carcinogenic by inhalation by IARC (Group 1), ACGIH (Group A2), NTP (Group 1) and OSHA (OSHA Select carcinogen). The particles of crystalline silica are inextricably bound into the polymer matrix. During normal usage of the product as recommended, airborne dusts will not be present, so exposure risk is extremely low. See Section 7 for more information. No other components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.
- Reproductive toxicity** : None known.
- Specific Target Organ Toxicity, Single Exposure** : May cause respiratory irritation and/or narcotic effects.
- Specific Target Organ Toxicity, Repeated Exposure** : None known.
- Aspiration hazard** : This product is classified as an aspiration hazard, based on its ingredients.
- Additional information** : N/Av


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.
- Ecotoxicological** : No data is available on the product itself.
- Ecotoxicity** : No data available.
- Biodegradability** : No data available.
- Bioaccumulative potential** : No data available.
- Mobility in soil** : No data available.
- PBT and vPvB assessment** : No data available.
- Other adverse effects** : No data available.

SECTION 13 – DISPOSAL CONSIDERATION

- Handling for disposal** : Handle waste according to recommendations in Section 7.
- Methods of disposal** : You must test your waste using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes. Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.
- Packaging** : Handle contaminated packaging in the same manner as the product.
- 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	UN1133	Adhesives, containing a flammable liquid	3	II	
TDG	May be shipped as a Limited Quantity when transported in containers no larger than 5.0 L, in				

Additional Information	combination packaging no larger than 30 kg gross mass. Under the TDGR, refer to Section 1.17 for additional exemption information, if shipping under this exemption				
49 CFR/DOT	UN1133	Adhesives, containing a flammable liquid	3	II	
49 CFR/DOT Additional Information	May be shipped as a Limited Quantity when transported in containers no larger than 5.0 L, in combination packaging no larger than 30 kg gross mass. Refer to 49 CFR 173.150(b) and Special Provision 149.				

SECTION 15 – REGULATORY INFORMATION

Canadian Information:

This product has been classified according to the hazard criteria of the Hazardous Products Regulations (HPR). This SDS contains all of the information required by the HPR.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on either the Domestic Substances List (DSL) or the Non- Domestic Substances List (NDSL).

US Federal Information:

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

CERCLA Reportable Quantity (RQ) (40 CFR 117.302): Hexane, 5000 lbs. (2270 kg).

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes:
Immediate (Acute) Health Hazard
Fire Hazard.

Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

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.

U.S. State Right To Know Laws

California Proposition 65: Warning! This product contains a chemical known to the State of California to cause cancer. This product contains crystalline silica.

Other State Right to Know Laws:

	CA	MA	MN	NJ	NY	PA	RI
Kaolin	NO	YES	YES	YES	NO	YES	YES
Limestone	NO	YES	YES	YES	NO	YES	YES
Hexane	YES	YES	YES	YES	YES	YES	YES
VM&P Naphtha	YES	YES	YES	YES	NO	YES	NO
Crystalline Silica, quartz	NO	YES	YES	YES	NO	YES	YES

SECTION 16 – OTHER INFORMATION

HMIS Rating : * - Chronic Hazard 0 - Minimal 1 – Slight 2 – Moderate 3 – Serious 4 – Severe
Health: 1 Flammability 3 Physical Hazard 0 PPE: Gloves, safety glasses

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
GHS: Globally Harmonized System
HPR: Hazardous Products Regulations
Inh: Inhalation
N/Av: Not Available
N/Ap: Not Applicable
NIOSH: National Institute of Occupational Safety and Health
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PEL: Permissible exposure limit
RCRA: Resource Conservation and Recovery Act
SARA: Superfund Amendments and Reauthorization Act
STEL: Short Term Exposure Limit
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TSCA: Toxic Substance Control Act
TWA: Time Weighted Average
WHMIS: Workplace Hazardous Materials Identification System

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.

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