


SECTION 1 - PRODUCT IDENTIFICATION		
Manufacturer/Supplier identifier:  The W.W. Henry Company 400 Ardex Park Drive Aliquippa, PA 15001 U.S.A. Tel: (724) 203-8499		MATERIAL SAFETY DATA SHEET Use in case of emergency only: CHEM-TEL – 1-800-255-3924 OR 1-813-248-0585 (call collect) Visit our Website: http://www.wwhenry.com
Product identifier/Trade name: <i>Henry 263 "WeatherPro" Outdoor Carpet Adhesive</i>		HMIS Hazard Index: HEALTH = 1 FLAMMABILITY = 3 REACTIVITY = 0 4 = Severe 3 = Serious 2 = Moderate 1 = Slight 0 = Minimal WHMIS Classification: B2 – Flammable material.
CHEMICAL NAME	CHEMICAL FAMILY	CHEMICAL FORMULA
Not Applicable	Not available.	Not Applicable
TRADE NAME AND SYNONYMS	MOLECULAR WEIGHT	MATERIAL USE
Henry® 263	Not Applicable	Filled, solvent based adhesive.

SECTION 2 - CHEMICAL COMPOSITION / HAZARDOUS INGREDIENTS						
Hazardous Ingredients	C.A.S. Numbers	% (weight)	OSHA PEL		ACGIH TLV	
			TWA	STEL	TWA	STEL
Solvent naphtha (petroleum), light aliphatic	64742-89-8	7 - 13	N/Av	N/Av	*300 ppm	N/Av
Petroleum hydrocarbon (n-Hexane)	64742-49-0	10 - 30	**50 ppm (final rule limit)	N/Av	**50 ppm	N/Av
*Note: The TLV listed above for Solvent naphtha (petroleum), light aliphatic is for 'VM&P Naphtha (CAS # 8032-32-4)'. **Note: The PEL and TLV listed above for Petroleum hydrocarbon (n-Hexane) is for 'n-Hexane (CAS # 110-54-3)'.						
This material is classified as hazardous under OSHA regulations (29CFR 1910.1200).						

SECTION 3 - HAZARDS IDENTIFICATION
Emergency Overview Off-white, mastic paste with mild solvent odor. Extremely flammable liquid and vapor. Vapor may cause flash fire. May be harmful if inhaled or swallowed. Inhalation may cause respiratory tract irritation, headache, drowsiness or other effects to the central nervous system. Prolonged or repeated contact may dry skin and cause irritation.
POTENTIAL HEALTH EFFECTS: Primary entry route(s): Skin, eyes, ingestion and inhalation. Target organs: Eyes, skin, respiratory system, central nervous system, digestive system.
Effects of short-term (acute) exposure: Inhalation: May cause irritation to the nose, throat and respiratory tract. Symptoms may include dizziness, drowsiness, incoordination and other central nervous system effects. Skin: Direct skin contact may cause mild irritation. Eye: Direct eye contact may cause irritation. Symptoms may include stinging, tearing and redness. Ingestion: Harmful if swallowed. May cause irritation of the mouth, throat and stomach. This product presents an aspiration hazard. Aspiration into the lungs could cause life-threatening lung injury.
Effects of long-term (chronic) exposure: Prolonged or repeated skin contact may cause more pronounced irritation, drying and cracking of the skin (dermatitis).

SECTION 3 - HAZARDS IDENTIFICATION Continued	
Conditions aggravated by exposure: Pre-existing skin, eye and respiratory disorders.	Carcinogenic status: See TOXICOLOGICAL INFORMATION, Section 11.
Additional health hazards: For further information, see TOXICOLOGICAL INFORMATION, Section 11.	Potential environmental effects: See ECOLOGICAL INFORMATION (Section 12).

SECTION 4 - FIRST AID MEASURES
Inhalation: If inhaled, remove victim to fresh air. Seek medical attention if irritation persists.
Skin contact: Wash skin with mild soap and plenty of water, while removing contaminated clothing. Call a physician if irritation persists.
Eye contact: Flush eyes thoroughly with running water for at least 10 to 15 minutes. Consult a physician if pain, irritation or vision problems persist after treatment.
Ingestion: DO NOT induce vomiting. Never give anything by mouth if patient is unconscious. Seek medical attention.

SECTION 5 - FIRE FIGHTING MEASURES		
Fire hazards/conditions of flammability: Extremely flammable. This material will be ignited by heat, sparks, flames or other sources of ignition. 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 low-lying areas. Vapours can travel to a source of ignition and flash back causing an explosion and fire.		
Flammability classification (OSHA 29 CFR 1910.1200): Class IB Flammable Liquid.		
Flash point (Method): < -6.7°C / 20°F (based on Hexane) (Setaflash Closed Tester)	Lower flammable limit (% by volume): 1.1 (based on Hexane)	Upper flammable limit (% by volume): 7.5 (based on Hexane)
Auto-ignition temperature: N/Av	Hazardous combustion products: Carbon oxides, sulfur oxides, aldehydes, various hydrocarbons and other toxic vapors and gases, that are common to thermal degradation of organic compounds.	
Sensitivity to mechanical impact: N/Av	Sensitivity to static discharge: N/Av	
Suitable extinguishing media: Use carbon dioxide, dry chemical, foam or water fog. Use water with caution. Water may be ineffective, since it may not cool burning material below its flashpoint.		
Special fire-fighting procedures/equipment: Firefighters should wear proper chemically protective equipment and self-contained breathing apparatus. Move containers from fire area if it can be done without risk. Water spray may be useful in minimizing or dispersing vapours and cooling equipment exposed to heat and flame. After fires have been extinguished, carefully clean all equipment and surfaces exposed to fumes.		

SECTION 6 - ACCIDENTAL RELEASE MEASURES
Personal precautions: Wear personal protective equipment during cleanup. Restrict access to area until completion of clean-up. All persons dealing with clean-up should wear the appropriate protective equipment, especially where exposure to vapor, dust or fume is possible. Refer to Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION, for additional information on acceptable personal protective equipment.
Spill response/Cleanup: Ventilate area of release. Eliminate all sources of heat, sparks, flame and ignition sources. Stop leak if you can do so without risk. Use non-sparking equipment. Contain and absorb spilled material with inert, non-combustible absorbent material, then place material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Wash spill area with suitable detergent and water. Thoroughly rinse area with water. Do not allow rinse material to enter drains, sewers or waterways. Notify the appropriate authorities as required.
Environmental precautions: Do not allow material to be discharged into the atmosphere or into sewers or ground water.
Special spill response procedures: If a spill/release in excess of EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8002). DOT/CERCLA Reportable quantity (RQ): None to report.

SECTION 7 - HANDLING AND STORAGE**Safe handling procedures:**

This material is an extremely flammable, harmful liquid. Wear protective equipment during handling. Use in a well-ventilated area. 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 vapours. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep away from heat, sparks, flame, ignition sources, and direct sunlight. Keep away from oxidizing agents and incompatibles. Ground all equipment during handling operations. Use caution when opening cap. Keep container tightly closed when not in use.

Storage requirements:

Store in a cool (temperature below 32.2°C / 90°F), dry, well-ventilated area away from incompatibles, heat, flame and sunlight. No smoking in the area. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION**Engineering controls:**

Use natural cross-ventilation, local (mechanical) ventilation, and/or general mechanical ventilation to meet TLV requirements. Where explosive mixtures are present, use explosion proof electrical systems that are safe for use.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Respiratory protection should not be required with adequate ventilation. If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators approved for organic vapors.

Skin protection and other protective equipment: Impervious gloves appropriate to the material if skin contact with product is expected. Advice should be sought from glove suppliers. Where exposure to product is possible use protective clothing. An eyewash fountain and safety shower should be made available in the immediate working area.

Eye / face protection: Wear safety glasses to prevent any product from entering the eyes.

Permissible exposure levels:

For individual ingredient exposure levels, see Section 2.

General Hygiene Considerations:

Avoid contact with eyes, skin and clothing. Avoid breathing vapors/dusts. Never eat, drink, or smoke in work areas. Clean all equipment and clothing at end of each work shift.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Mastic paste.		Odor and appearance: Off-white, mastic paste with mild solvent odor.	
Odor threshold: N/Av	Specific gravity (water = 1): 1.12	Vapor pressure: N/Av	Vapor density (Air=1): >1
Evaporation rate: >1 (n-Butyl acetate = 1)	Boiling point: N/Av	Melting/freezing point: N/Av	Solubility in water: Insoluble.
% volatile by volume: N/Av	pH: N/Av	Coefficient of oil/water distribution: N/Av	Particle size: N/Av
% volatile by weight (30 min. @ 135°C/275°F): 30	Weight/Gallon: 9.3 lbs (water = 8.3 lbs)	Volatile Organic Content (VOC): 328 g/L calculated at 21°C / 70°F, SCAQMD	

SECTION 10 – REACTIVITY AND STABILITY DATA**Stability and reactivity:**

Stable under the recommended storage and handling conditions prescribed.

Polymerization:

Hazardous polymerization will not occur.

Conditions to avoid:

Temperatures above 32.2°C / 90°F, static discharge, friction, open flame, other sources of ignition and direct sunlight.

Materials to avoid:

Strong oxidizing agents, alkalis, acids.

Hazardous decomposition products:

None known. Refer to 'Hazardous combustion products', Section 5.

SECTION 11 - TOXICOLOGICAL INFORMATION**Toxicological data:**

There is no available data for the product itself. See below for individual ingredient acute toxicity data.

<u>Ingredients:</u>	<u>LD₅₀ (route, species):</u>	<u>LC₅₀ (species):</u>
Solvent naphtha (petroleum), light aliphatic	>8000 mg/kg (oral, rat); >4000 mg/kg (dermal, rabbit)	3400 ppm / 4 hrs. (inhalation, rat).
Petroleum hydrocarbon (n-Hexane)	>5000 mg/kg (oral, rat); >3160 mg/kg (dermal, rabbit)	Not Available

Carcinogenicity:

No ingredient classified as carcinogenic to humans by IARC, NTP, OSHA or ACGIH.

Teratogenicity, mutagenicity, other reproductive effects:

None known.

Sensitization to material:

None known.

Synergistic materials:

N/Av

Irritancy of material:

Low degree of irritation.

For more details, refer to Section 3.**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. Do not discharge product unmonitored into the environment.

Important environmental characteristics: N/Av**Aquatic toxicity:** N/Av**SECTION 13 - WASTE DISPOSAL****Handling and storage conditions for disposal:**

Handle according to recommendations listed in Section 7.

Methods of disposal:

Dispose of in sealed containers in accordance with all applicable government regulations. Dispose in accordance with all applicable federal, provincial, state and local regulations. Contact your local, state or federal environmental agency for specific rules.

RCRA:

If this product, as supplied, becomes a waste, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. Waste classification should be determined by the end user of the product. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14 - TRANSPORTATION INFORMATION**Transportation of Dangerous Goods Regulations (TDGR) Shipping Information:***Shipping Description:* ADHESIVES, Class 3, UN1133, P.G.II.*Other Shipping Information:* Within Canada, the Limited Quantity Exemption may apply for containers which hold 5 Litres or less of the product. Under the TDGR, refer to Section 1.17 for additional Limited Quantity Exemption requirements, if shipping under this exemption.**US DOT 49 CFR Shipping information:***Shipping Description:* Adhesives, 3, UN1133, PGII.*Other Shipping Information:* Limited Quantity exceptions may apply. Refer to 49 CFR, Section 173.150 for 'Limited quantities of flammable and combustible materials' Shipping Information.**SECTION 15 - REGULATORY INFORMATION****In Canada:**

WHMIS information:

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 in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and this MSDS contains all the information required by the CPR.

SECTION 15 - REGULATORY INFORMATION Continued**In Canada:****CEPA information:**

All ingredients are listed on the DSL.

In U.S.A.:**TSCA information:**

All ingredients are listed on the TSCA inventory.

DOT/CERCLA Reportable Quantity (RQ): None Reportable

SARA TITLE III:

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

California Proposition 65:

This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.

New Jersey Hazardous Substance Lists:

This product contains the following substances required to be disclosed on product labelling:

<u>Chemical Name</u>	<u>CAS #</u>	<u>New Jersey Hazardous Substance</u>
Solvent naphtha (petroleum), light aliphatic	64742-89-8	No
Petroleum hydrocarbon (n-Hexane)	64742-49-0	No

SECTION 16 - OTHER INFORMATION**Prepared by:**

The W.W. Henry Company

Telephone number:

(724) 203-8499

Preparation date:

May 14, 2008

References:

1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2004.
2. International Agency for Research on Cancer Monographs, searched March 2005.
3. Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases, 2005 (Chempendium and RTECs).
4. Material Safety Data Sheet from manufacturer.
5. US EPA Title III List of Lists – January 27, 2005 version.
6. California Proposition 65 List – March 4, 2005 version.

Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygienists
 CAS = Chemical Abstract Service
 CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
 CFR = Code of Federal Regulations (U.S.A.)
 DOT = Department of Transport (U.S.A.)
 DSL = Domestic Substance List
 EPA = Environmental Protection Agency (U.S.A.)
 IARC = International Agency for Research on Cancer
 N/Av = Not available.
 N/Ap = Not applicable
 NIOSH = National Institute for Occupational Safety and Health
 NTP = National Toxicology Program (U.S.A.)
 OSHA = Occupational Safety and Health Administration (U.S.A.)
 PEL = Permissible Exposure Limit
 RCRA = Resource Conservation and Recovery Act
 SARA = Superfund Amendments & Reauthorization Act
 STEL = Short-term Exposure Limit
 TLV = Threshold Limit Value
 TSCA = Toxic Substances Control Act
 TWA = Time Weighted Average
 WHMIS = Workplace Hazardous Materials Information System

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. 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.

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