



ZEP Manufacturing Company
 Acuity Specialty Products Group, Inc.
 P.O. Box 2015
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 1-877-I-BUY-ZEP (428-9937)
 www.zep.com

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name VOC COMPLIANT TIRELESS SHINE
Product Use Aerosol Tire Dressing
Product Code 0018
Date of issue 12/13/05 **Supersedes**

Emergency Telephone Numbers For MSDS Information:
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
 INFOTRAC:
 (877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency
 CHEMTREC:
 (800) 424-9300 - All Calls Recorded
 In the District of Columbia (202) 483-7616

Prepared by Compliance Services Group
 Acuity Specialty Products Group
 1420 Seaboard Industrial Blvd.
 Atlanta, GA 30318

HAMPTON TEDDER ELECTRIC
 4571 STATE ST
 MONTCLAIR CA 91763-6129

Printing date: 03/28/08

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
HEPTANE; n-heptane	142-82-5	5 - 15	ACGIH/OSHA (United States). TWA: 400 ppm 8 hour(s).
PROPRIETARY SOLVENT BLEND	Proprietary	50 - 60	ACGIH/OSHA (United States). STEL: 400 ppm 15 minute(s). ACGIH TLV / OSHA PEL (United States). TWA: 200 ppm 8 hour(s). ACGIH / OSHA (United States). STEL: 250 ppm 15 minute(s).

Section 3. Hazards Identification

Acute Effects

Routes of Entry

Skin Causes skin irritation. Skin inflammation is characterized by itching, scaling, or reddening. Prolonged or repeated contact may dry skin and cause irritation.

Eyes Causes eye irritation. Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system depression. Symptoms and signs include headaches, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Medical Conditions Aggravated by Overexposure: Respiratory, Heart (Cardiac).

Ingestion Harmful if swallowed. Aspiration hazard if swallowed- can enter lungs and cause damage. Vomiting increases risk of chemical pneumonia.

HMIS

Health	1
Fire Hazard	4
Reactivity	0
Personal Protection	B

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects

Over-exposure by inhalation or absorption can cause central nervous system depression. Repeated or prolonged exposure to the substance can produce damage to liver, kidneys, lungs, heart, and brain.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin Contact Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. If irritation persists, get medical attention.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion Aspiration hazard if swallowed- can enter lungs and cause damage. Do NOT induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head lower than hips to help prevent aspiration. NEVER give an unconscious person anything to ingest. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point	Closed cup: -18°C (<math><0^{\circ}\text{F}</math>) (Tagliabue.)	Flammable Limits Not determined.
Flammability	Extremely flammable. (CSMA) Aerosol that may flashback.	
Fire Hazard	FLAMMABLE LIQUID AND VAPOR. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back. Container explosion may occur under fire conditions or when heated.	
Fire-Fighting Procedures	Use dry chemical or CO_2 . Wear special protective clothing and positive pressure, self-contained breathing apparatus. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.	



Section 6. Accidental Release Measures

Spill Clean up Large spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling	Extremely flammable liquid and vapor. Store and use away from heat, sparks, open flame, or any other ignition source. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Wash thoroughly after handling. Wash contaminated clothing before reusing.
Storage	CONTENTS UNDER PRESSURE. Store and use away from heat, sparks, open flame, or any other ignition source. Keep away from heat and direct sunlight. Keep container in a cool, well-ventilated area. Do not store above 120°F (49°C). Do not puncture or incinerate. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

Eyes	Safety glasses.	
Body	Chemical resistant gloves. (Viton, Nitrile, Neoprene)	
Respiratory	Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Wear appropriate respirator when ventilation is inadequate. Approved/certified respirator with organic vapor cartridges.	

Section 9. Physical and Chemical Properties

Physical State	Liquid. (Aerosol.)	Color Clear , Colorless.
pH	Not applicable.	Odor Solvent.
Boiling Point	Not available.	Vapor Pressure Not determined.
Specific Gravity	0.903 (Water = 1)	Vapor Density >1 (Air = 1)
Solubility	Insoluble in cold water, hot water.	Evaporation Rate Not determined.
		VOC (Consumer) 10.0% 0.75 (lb/gal) 90.(g/l).

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Avoid contact with strong oxidizers, excessive heat, sparks or open flame.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Carbon Dioxide, Carbon Monoxide and other organic materials.

Section 11. Toxicological Information

Toxicity to Animals	No specific data.
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Section 12. Ecological Information

Ecotoxicity	Not available.
Biodegradable/OECD	Not available.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.	Waste Stream Code: D001 Classification: - (Hazardous waste.) Origin: - (RCRA waste.)
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Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name	Consumer Commodity	UN number Not regulated.
DOT Classification	ORM-D	

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

State Regulations

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Toluene

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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***ATTENTION ZEP MANUFACTURING CO.
CUSTOMERS***

The State of California Proposition 65 regulations require you as an employer to warn employees exposed to Prop. 65 listed carcinogens and reproductive toxins in the workplace. To assist you with this requirement, a workplace sign for use in your facility is on the back of this letter. Please post this sign on the storage shelf where ZEP products are stored and where workers will see it before they use the products. The warnings also appear on our product MSDSs.

Please call our customer service number at 1-877-I-BUY-ZEP [1-877-428-9937] if you would like additional signs or if you have any questions regarding this regulation or the listed products.

WARNING:

The product(s) listed below contain ingredients known to the State of California to cause:

(a)-birth defects or other reproductive harm

(b)-cancer

(c)-cancer and birth defects or other reproductive harm

Please review the product MSDS maintained at your workplace to determine quantities of these chemicals that may be present in each product and their corresponding health effects. Additional health and safety information are also included in this document.

AVISO:

Los siguientes productos contienen ingredientes los cuales el Estado de California ha determinado causan:

(a)-defectos congénitos u otro daño reproductivo

(b)-cancer

(c)-cancer y defectos congénitos u otro daño reproductivo

Sírvase revisar la Hojas de Datos de Seguridad de Materiales que se encuentra en su lugar de trabajo para determinar qué cantidad de estos químicos en cada producto y sus respectivos efectos sobre la salud. Este documento también incluye información adicional sobre seguridad y salud.

Product(s): VOC COMPLIANT TIRELESS SHINE