

Material Safety Data Sheet

U.S. Department of Labor

May be used to comply with OSHA's Hazard Communication Standard, Occupational Safety and Health Administration (Non-Mandatory Form) 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Form Approved OMB No. 1218-0072

**IDENTITY (As Used on Label and List)**

Note:

Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's Name:	Emergency Telephone Number:
R-H Products Co., Inc.	1-800-535-5053
Address (Number, Street, City, State, and ZIP Code):	Telephone
Number for Information:	
308 Old High St.	1-978-897-8000
P.O. Box 2301	Date Prepared: March 13, 2009
Acton, MA 01720	Signature of Preparer (optional):
March 13, 2009	

**Section II - Hazardous Ingredients / Identity Information**

Hazardous Components (Specific Chemical Identity: ACGIH TLV	Recommended	% (optional)	Other Limits	Weight
	CAS#		Common Name(s)	OSHA PEL
Methyl Ethyl Ketone 9.4%	78-93-3		200 ppm	200 ppm
Acetone 18.6%	67-64-1		750 ppm	750 ppm
Toluene ppm SKIN 72%	108-88-3		100 ppm	100 ppm 50

Toluene and Methyl Ethyl Ketone are subject to the reporting requirements of section 313 of SARA Title III.

DOT Information: Paint Related Material:3; UN1263; PGII ERG# 128  
V.O.C.'s: 5.7 lbs/Gal

HMIS RATINGS: Health - 1;	Flammability - 3;	Reactivity - 0
NFPA RATINGS: Health - 2;	Flammability - 3;	Reactivity - 0
Key: 4 - Extreme	3 - High	2 - Moderate
Slight		1 -

Abbreviations used in MSDS: N/D Not Determined; N/A Not Applicable

**Section III - Physical / Chemical Characteristics**

# S 8466-2

Boiling Point: Acetone 132 deg F Specific Gravity (H2O = 1):  
.85  
Vapor Pressure (mm Hg): 180 mm @ 68 deg Melting point: N/A  
Vapor Density (Air = !): Heavier Evaporation Rate (Butyl  
Acetate + 1): Slower  
Solubility in Water: Insoluble  
Appearance and Odor: Clear liquid Strong aromatic odor with sharp mint  
like fragrance

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): ASTM D-56 Acetone - 0 deg F  
Flammable Limits: LEL - 1% UEL - 11%  
Extinguishing Media: CO2 - Dry Chemical - Foam  
Special Fire Fighting Procedures: Fire fighters should be  
equipped with self-contained breathing apparatus when fighting fires  
involving this material.  
Unusual Fire and Explosion Hazards: Highly Flammable.  
Overheated, closed container near a fire could explode due to pressure  
buildup.

## Section V - Reactivity Data

Stability: Conditions to Avoid:  
Unstable [ ]  
Stable [ X ] N/A  
Incompatibility (Material to Avoid): Strong Oxidizing  
Agents  
Hazardous Decomposition or Byproducts: CO2 and CO when subjected  
to flames or excessive heat  
Hazardous Polymerization: Conditions to Avoid:  
May Occur [ ]  
Will Not Occur [ X ] N/A

## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
Primary	Yes	Yes	Yes

Health Hazard (Acute and Chronic):  
Eyes: Liquid mildly irritating. Overexposure  
may also cause irritation.  
Skin: Prolonged contact can cause defatting  
and possible dermatitis.  
Breathing: Overexposure may cause irritation to  
respiratory system. Extreme overexposure to vapors could result in central  
nervous system, liver and kidney damage.  
Ingestion: May cause gastrointestinal irritation.

Carcinogenicity:

None (No)

NTP?

N/A

IARC Monographs?

N/A

N/A

OSHA Regulated?

**Signs and Symptoms of Exposure:**

Eyes: Redness, tearing and swelling.  
 Skin: Dryness of skin including cracking.  
 Breathing: Overexposure includes dizziness,  
 headache, nausea and light heatedness.  
 Swallowing: Nausea, vomiting and diarrhea.

**Medical Conditions Generally Aggravated by Exposure:**

Skin: Prolonged contact will defat skin and  
 cause dermatitis.  
 Breathing: Extreme overexposure of vapors of  
 Toluene may cause nervous system damage.  
 Swallowing: May cause nausea, vomiting and diarrhea.  
 Aspiration into the lungs as a result of vomiting may cause lung damage.

**Emergency and First Aid Procedures:**

Eye contact: Flush immediately with water. Call a  
 physician.  
 Skin contact: Wash area with soap and water.  
 Breathing: Move affected person to fresh air at  
 once. Restore breathing. Call a physician if difficulties persist.  
 If swallowed: DO NOT INDUCE VOMITING. Give 2  
 glasses of water. Call a physician. If vomiting occurs, lower head  
 between knees to prevent aspiration into  
 lungs.

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled: Extinguish  
 all sources of ignition in area. Collect spilled material and place in a  
 closed container for disposal or salvage.

Waste Disposal Method: Dispose in accordance with  
 local and current U.S. E.P.A. regulations. U.S. E.P. A. Hazardous Waste  
 Number: (Ignitable) D035 (MEK-1/91).

Precautions to Be Taken in Handling and Storing: Keep away from  
 heat, open flames and sparks. Use and store with adequate ventilation to  
 prevent vapor buildup. Vapors released by  
 product can easily ignite.

Other Precautions> Avoid contact with skin and eyes.  
 Avoid prolonged breathing of vapors. Keep container closed when not in  
 use. KEEP OUT OF REACH OF CHILDREN.

**Section VIII - Control Measures**

Respiratory Protection (specify): If exposure exceeds occupational exposure limits, use a NIOSH approved respirator to prevent overexposure. Per SA types recommended. 29 CFR 1910.134 CCROV or

Ventilation:

Local Exhaust: Should be used to maintain exposure below TLV(s).

Mechanical (general): Should be used to maintain exposure below TLV(s).

Special: Explosion proof ventilation maybe required to control vapor concentrations.

Other: N/D

Protective Gloves: Impervious gloves

Eye Protection: Chemical goggles or safety glasses.

Other Protective Clothing or Equipment: Work apron to avoid contact with personal clothing and skin.

Work / Hygienic Practices: Keep area clean. Wash hands thoroughly after working with product.

\*USGPO