

Material Safety Data Sheet**U.S. Department of Labor**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

HH-66 Thinner

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

R-H Products Co. Inc.

Emergency Telephone Number

1-800-535-5053

Address (Number, Street, City, State and ZIP Code)

308 Old High St.

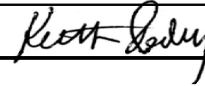
Telephone Number for Information

1-978-897-8000

Acton, MA USA 01720

Date Prepared **January 7, 2010**

Signature of Preparer (optional)

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

Hazardous Components (Specific Chemical Identity, Common Name(s))

OSHA PEL

ACGIH TLV

Other Limits Recommended

By Weight % (optional)

Toluene	CAS# 108-88-3	100 ppm	100 ppm	50 ppm Skin	72%
Acetone	CAS# 67-64-1	750 ppm	750 ppm		18.6%
Methyl Ethyl Ketone	CAS# 78-93-3	200 ppm	200 ppm		9.4%

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

OSHA Hazard – Flammable, Irritant

DOT Information: UN1263; Paint Related Material; 3; PGI or Consumer Commodity ,ORM-D ERG #128

HMIS Ratings: Health-1; Flammability-3; Reactivity-0 Key: 4 – Extreme 3 – High

NFPA Rating: Health-2; Flammability-3; Reactivity-0 2 – Moderate 1 – Slight

Abbreviations used in MSDS: N/D – not determined

N/A – not applicable

V.O.C.'s total: 5.7 lbs/Gal

Section III—Physical/Chemical Characteristics

Boiling Point	Acetone	132° F	Specific Gravity (H ₂ O = 1)	.85
Vapor Pressure (mm Hg)	at 68° F	180 mm	Melting Point	N/D
Vapor Density (AIR = 1)		Heavier	Evaporation Rate (Butyl Acetate = 1)	Slower

Solubility in Water Insoluble in water

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° F/Toluene 45° F	Flammable Limits	LEL 1%	UEL 11%
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Extinguishing Media FOAM, DRY CHEMICAL, CO₂

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 Extremely Flammable. Overheated, closed container near a fire could explode due to pressure buildup.

(Reproduce locally)

OSHA 174 Sept. 1985

Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	N/A

Incompatibility (*Materials to Avoid*) **Strong Oxidizing Agents**

Hazardous Decomposition or Byproducts **CO₂ and CO when subjected to flames or excessive heat**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	N/A

Section VI—Health Hazard Data

Route(s) of Entry	Primary	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes
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Health Hazards (*Acute and Chronic*) **Eyes – Liquid mildly irritating. Overexposure may also cause irritation 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	OSHA Regulated?	N/A
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Signs and Symptoms of Exposure **Eyes – Redness, tearing and swelling. Skin – Dryness of skin including cracking. Breathing – Overexposure includes dizziness, headache, nausea, and light headedness. Swallowing – Nausea, vomiting, and diarrhea**

Medical Conditions Generally Aggravated by Exposure **Skin – Prolonged contact will irritate skin and may cause dermatitis. Breathing – Extreme overexposure of Toluene vapors 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. Call a physician. Give water to victim. If vomiting occurs, 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: D001 (Ignitable) (MEK – 1/91) D:035

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 VII—Control Measures

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

Ventilation	Local Exhaust	Should be used to maintain exposure below TLV(s)	Special	Explosion proof ventilation maybe required to control vapor concentrations.
	Mechanical (<i>General</i>)	Should be used to maintain exposure below TLV(s)	Other	N/D

Protective Gloves **Impervious gloves; (for Solvent)** 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.**