



MATERIAL SAFETY DATA SHEET

ACCORDING TO ANSI- Z400.1-1993 16-SECTION MSDS FORMAT

Date: Jul. 27, 2010

Number: RJS1007612MSDSEU

IDENTITY (As Used on Label and List)

Product Name: Rubber Solution

SECTION I - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Manufacturer's Name:

hangzhou hongmei mechanical tools co.,ltd

Address:

liangzhu industrial zone ,yuhang district,hangzhou,china

ZIP Code: 311113

Emergency Telephone Number: 0086-0571-88777736

Fax Number for Information: 0086-571-88776350

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	COMPOSITION RANGE %
Rubber	Blend	25
Heptane	142-82-5	15
Octane	111-65-9	35
Methyl cyclohexane	108-87-2	25

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview

Appearance: White, opaque liquid.

Odor: Mild solvent



DANGER!
EXTREMELY FLAMMABLE LIQUID AND VAPOR

May be harmful if inhaled. May cause irritation of nose, throat and lungs.
Can cause central nervous system depression.
Causes eye irritation.

HMIS Rating

HEALTH = 2 (moderate)
FLAMMABILITY = 4 (severe)
REACTIVITY = 0 (minimal)
CHRONIC = *

Potential Health Effects

INGESTION: Not expected to be harmful under normal conditions of use. If accidentally swallowed, burns or irritation to mucous membranes, esophagus or GI tract can result.

INHALATION: May be harmful if inhaled. Liquid or vapor may cause irritation of nose, throat and lungs. Can cause central nervous system depression.

SKIN: May cause irritation on prolonged or repeated contact.

EYES: Causes irritation.

Heptane : 142-82-5

Can cause central nervous system depression. Signs and symptoms may include headache, dizziness, nausea, vomiting, unconsciousness and even asphyxiation.

SECTION IV - FIRST AID MEASURES

Inhalation: Remove to fresh air for 15 minutes. Seek medical attention.

Skin: If splashed on the skin immediately wash thoroughly with fresh water. If the product has dried on the skin massage the area with medical grade mineral oil, baby oil or edible oil, then wash with soap and water. If irritation persists seek medical attention..

Eyes: Flush thoroughly with fresh water for at least ten minutes. Seek medical attention.

Ingestion: DO NOT INDUCE VOMITING. Seek medical attention.

SECTION V - FIRE FIGHTING MEASURES

Means of extinction: N/A

Sensitivity to mechanical impact/static discharge: N/A

Flash point (method): 25 (tag closed up)

Autoignition temperature: N/A

EXTREMELY FLAMMABLE LIQUID AND VAPOR.

Keep liquid and vapor away from heat, sparks, flame and other ignition sources including, but not limited to, pilot lights, heaters, cigarettes, electric motors and static discharge. Vapor is heavier than air and may settle in low places or travel outward to a source of ignition and flashback.



In case of fire, use water spray, dry chemical, foam or CO₂. Use water to keep fire-exposed containers cool.

Special fire fighting instructions: Wear self-contained breathing apparatus with a full face mask.

SECTION VI - ACCIDENTAL RELEASE MEASURES

In the event of a spill: Extinguish all sources of ignition. Dike and contain, transfer to containers for recovery or disposal. Keep out of sewers.

Waste disposal method: Follow federal, provincial and local regulations regarding disposal.

SECTION VII - HANDLING AND STORAGE

Handling

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing. Wash thoroughly after handling. Always use appropriate Personal Protective Equipment (PPE).

INHALATION: Avoid breathing vapor. Use with adequate ventilation.

SKIN: Avoid prolonged or repeated contact with skin and clothing.

EYES: Avoid contact with eyes.

Storage

Store in a cool, dry place.

Keep containers tightly closed.

Keep away from heat, sparks, flame and other ignition sources.

Use with adequate ventilation.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls

ENGINEERING CONTROLS: The following exposure control techniques may be used to effectively minimize employee exposure: local exhaust ventilation, enclosed system design, process isolation and remote control in combination with appropriate use of personal protective equipment and prudent work practices. These techniques may not necessarily address all issues pertaining to your operations. We, therefore, recommend that you consult with experts of your choice to determine whether or not your programs are adequate.

If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.



Personal Protection

Where air contaminants can exceed acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance with OSHA laws and regulations or other applicable standards or guidelines, including ANSI standards regarding respiratory protection. Use goggles if contact is likely. Wear impervious gloves as required to prevent skin contact.

Respiratory protection: N/A

Ventilation: N/A

Protective gloves: Recommended

Eye protection: safety glasses/splash goggles recommended

Other protective equipment: Long sleeves, loose clothing recommended.

Section IX - PHYSICAL AND CHEMICAL PROPERTIES

pH @ 25	Not applicable
Specific Gravity	0.71
Appearance	White opaque liquid
Autoignition Temperature	Not available
Boiling Point	90
Vapor Density (Air=1)	> 1
Vapor Pressure, mm Hg @ 20	Not available
Evaporation Rate (Butyl Acetate=1)	< 1---(ether=1)
Upper flammable limits %:	7.5
Lower flammable limits %:	1.2
Up/Lower Explosive Limits, % by Vol.	Not available/1
Freezing Point	Not available
Solubility in Water	Negligible
Coefficient of Water/Oil Distrib.	Not available

SECTION X - STABILITY AND REACTIVITY

Normally stable as defined in NFPA 704-12(4-3.1).

Conditions to Avoid:

Exposure to heat, flame and incompatibles.

Incompatibilities:

Acids, bases, amines.

Decomposition products may include: CO, CO₂.



Hazardous polymerization: Will not occur.

Other Hazards: None known to company.

SECTION XI - TOXICOLOGICAL INFORMATION

Believed to be safe.

See Section 3 Hazards Identification information.

LC50: Not available

LD50: Not available

SECTION XII - ECOLOGICAL INFORMATION

Not determined.

SECTION XIII - DISPOSAL CONSIDERATIONS

Recover free liquid. Absorb residue and dispose of according to local, state/provincial, and federal requirements.

Empty container: May contain explosive vapors. DO NOT cut, puncture or weld on or nearby.

SECTION XIV - TRANSPORT INFORMATION

US DOT-NOT REGULATED

SEA- (IMDG)

Proper Shipping Name: Rubber Solution

Hazard Class and Division: 3

UN Number: 1287

Packing Group: III

Labels: 3

Transport Document Name: UN 1287, Rubber Solution, 3, PGIII FP 46° (115°)

AIR- (IATA)

Proper Shipping Name: Rubber Solution

Hazard Class and Division: 3

UN Number: 1287

Packing Group: III

Labels: 3

Transport Document Name: UN 1287, Rubber Solution, 3, PGIII FP 46° (115°)



SECTION XV - REGULATORY INFORMATION

OSHA Hazard Communication Standard 29CFR1910.1200

This material is a "health hazard" and/or a "physical hazard" as determined when reviewed according to the requirements of the Occupational Safety and Health Administration 29 CFR Part 1910.1200 "Hazard Communication" Standard.

SARA Title III: Section 311/312

Fire hazard
Immediate health hazard
Delayed health hazard

SARA Title III Section 313 and 40 CFR Part 372

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.
None required per SARA TITLE III SECTION 313.

SECTION XVI - OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. RJS Standard Testing & Certification Center shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. License granted to make unlimited paper copies for internal use only.

NOTE

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