

# MATERIAL SAFETY DATA SHEET

Note: Read and understand Material Safety Data Sheet before handling or disposing of product.

Issued date : Dec.01.2010      MSDS NO : NIL

## SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Company Identification:** Silverhook Ltd

**Company Address:** Unit 14 Bates Road, Harold Wood RM3 0JH

**Emergency Tel No.** 01708 340333

**Telephone No. for information :** 01708330500

**Fax No. for information:** 01708330504

**Product name :** Rubber solution      **UN CLASS :** NIL      **UN NUMBER :** NIL

## SECTION 2: COMPOSITION/INORMATION ON INGREDIENTS

<u>Components</u>	<u>Amount</u>	<u>CAS NO.</u>
Contents :		
n-hexane	30%	110-54-3
n-heptane	34%	142-82-5
Methylcyclohexane	30%	108-87-2
Rubber	6%	NIL

## SECTION 3 : HAZARDS IDENTIFICATION

### Eye:

May cause mild eye irritation. Symptoms include stinging,tearing,and redness.

### Skin:

Can cause skin irritatio. Prolonged or repeated contact may dry the skin. Symptoms may include redness,burning,and drying and cracking of skin,burns,andother skin damage. Passage of this material into the body through the skin is possible,but it is unlikely that this would result in harmful effects during safe handing and use.

### Swallowing:

Swallowing small amounts of this material during normal handing is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lug inflammation and other lung injury.

### Inhalation:

Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handing is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.

### Symptoms of Exposure:

Signs and symptoms of exposure to this material through breathing,swallowing,and/or passage of the material through the skin may include: stomach or intestinal upser(nausea,vomiting,diarrhea),irritation (nose,throat,airway),central nervous system depression(dizziness,drowsiness,weakness,fatigue, nausea,headache,unconsciousness),temporary changes in mood and behavior,loss of appetite,loss of coordination,irredular heartbeat,narcosis(dazed or sluggish felling).

### Target Organ Effects:

Mild,reversible kidney effects,central nervous system damage.

**Developmental Information:**

There are no data available for assessing risk to the fetus from maternal exposure to this material.

**Cancer Information:**

There is no information available. The chance of this material causing cancer is unknown.

**Other Health Effects:**

No Data.

**Primary Route(s) of Entry:**

Inhalation,skin absorption,skin contact,eye contact,ingestion.

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**SECTION 4 : FIRST AID MEASURES**

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**Eye:**

If symptoms develop,move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty,see medical attention.

**Skin:**

Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist,seek medical attention. Launder clothing before reuse.

**Swallowing:**

Seek medical attention. If individual is drowsy or unconscious,do not give anything by mouth;place individual on the left side with the head down. Contact a physician,medical facility,or poison control center for advice about whether to induce vomiting. If possible,do not leave individual unattended.

**Inhalation:**

If symptoms develop,move individual away from exposure and into fresh air. If symptoms persist,seek medical attention. If breathing is difficult,administer oxygen. Keep person warm and quied; seek immediate medical attention.

**Note to Physicians:**

Inhalation of high concentrations of this material,as could occur in enclosed spaces or during deliberate abuse,may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity(See Section 3-Swallowing)when deciding whether to induce vomiting. Pre-existing disorders of the following organs(or organ systems) may be aggravated by exposure to this material: skin,lung(for example,asthma-like conditions). Individuals with pre-existing heart disorders may be more susceptible to arrhythmias(irregular heartbeats) if exposed to high concentrations of this material.

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**SECTION 5 : FIRE FIGHTING MEASURES**

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**Flash Point:**-4°C(24.8°F)

**Exposure Limit:** Lower 1.1% Upper 6.7%

**Auto-Ignition Temperature:** 203.8°C(399.0°F)

**Hazardous Products of Combustion:**

May from: carbon dioxide and carbon monoxide,various hydrocarbons.

**Fire and Explosion Hazards:**

Material is highly volatile and readily gives off vapors,which may traver along the ground or be moved by ventilation and ignited by pilot lights,other flames,sparks,heaters,smoking,electric motors,static discharge,or other ignition sources at locations distant form material handing point. Never use welding or cutting torch on or near product(even empty) because product(even just residue) can ignite explosively.

**Extinguishing Media:** Regular foam, carbon dioxide, dry chemical.

Fire Fighting Media and Instructions:

Flammable liquid, insoluble in water.Small Fire-Use DRY chemical powder.Large Fire-Use water spray of fog.

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**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

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**Small spill:**Absorb liquid on vermiculite, floor absorbent or other absorbent material.

**Large spill:**

Eliminate all ignition sources(flare,flames including pilot lights,electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed. Stop spill at source. Prevent from entering drains,sewers,streams or other bodies of water. Prevent from spreading. If run-off occurs,notify authorities as required. Pump or vacuum transfer-spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent,soil and other materials to containers for disposal. Prevent run-off to sewers,streams or other bodies of water. If run-off occurs, notify proper authorities as required,that a spill has occurred.

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**SECTION 7 : HANDLING AND STORAGE**

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Handling:

Keep away from heat.Keep away from sources of ignition.Ground all equipment containing material.

Do not ingest. Do not breathe gas/fumes/vapour/spray.

Storage:

Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat.

Keep away from sources of ignition. Keep container tightly closed. Keep in a cool,well-ventilated place.

Ground all equipment containing material. A refrigerated room would be preferable for materials with a flash point lower than 37.8°C(100°F).

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**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Eye Protection:

Chemical splash goggles in compliance with OSHA regulations are advised; however,OSHA regulations also permit other type safety glasses. Consult your safety representative

Skin Protection:

Wear resistant gloves(consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots....

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**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

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Vapor Pressure: 37 mm of Hg

Specific Vapor Density: 3.39 (Air=1)

Specific Gravity: 0.696 (Water=1)

Appearance: Clear

State: Liquid

Physical Form: Neat

Color: Colorless

Odor: Light Hydrocarbon

Solubility in Water: Negligible

pH: No data

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**SECTION 10 : STABILITY AND REACTIVITY**

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**Hazardous Polymerization:** Product will not undergo hazardous polymerization.

**Hazardous Decomposition:** May form:carbon dioxide & carbon monoxide,various hydrocarbons.

**Chemical Stability:** Stable

**Incompatibility:** avoid contact with: strong oxidizing agents.

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**SECTION 11 : DISPOSAL CONSIDERATION**

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**Waste Management Information:**

Dispose of in accordance with all applicable local, state and federal regulations.

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**SECTION 12 : OTHER INFORMATION**

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The information provided this safety data sheet is correct of our knowledge and information at the date of its publication. However we do not assume any liability what so ever for the accuracy or completeness of the information contained here in. Final determination of suitability of any material is the sole responsibility of user. All material may present unknown hazards and should be used in caution. Although certain hazards are described here is, we can not guarantee that these are the hazards, which exist. Regulatory information with regard to this substance in your country or in your region should be examined by your own responsibility.



