

Date : 18/10/2016, Revision : 3

## Material Safety Data Sheet

### MASTIK'ONE PROFESSIONAL

#### SECTION 1 PRODUCT IDENTIFICATION

**Commercial name :** MASTIK'ONE PROFESSIONAL

**Chemical name :** -

**Used :** CEMENT FOR TUBULAR GLUING

**Manufacture/Distributor :** LION TYRES (THAILAND) CO.,LTD.

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Muang, Samutprakarn 10280, THAILAND

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#### SECTION 2 HAZARDS IDENTIFICATION

##### Classification of the substance or mixture

Flammable liquids : Category 2

Skin irritation : Category 2

Eye Irritation : Category 2A

Specific Target Organ Toxicity (Central nervous system) : Category 3 (Inhalation, Ingestion)

##### Label elements

Hazard pictograms:



Signal word : none

##### Hazard statements:

Flammable liquid and vapor

Cause skin irritation

May cause drowsiness or dizziness

May be fatal if swallowed and enters airways

##### Precautionary statements:

###### Prevention

Do not handle until all safety precautions have read and understood

Keep away from heat/sparks/hot surface.-No smoking. No release into water

Do not eat, drink, or smoke when using this product

Wash hands thoroughly after handling

###### Response

IF SWALLOWED :Immediately call a poison center or doctor/physician. Do not induce vomiting.

IF ON SKIN : Wash with plenty of soap and water. Take off contaminated clothing and wash it before use.

If skin irritation occurs : Get medical attention.

IF IN EYES : Rinse cautiously with water for several minute. Remove contact lense, if present and easy to do . Continue rinsing.

**Storage**

Store in a well verltiled place. Keep cool

**Disposal**

Dispose of contents and/or container according to Federal, State/Provincial and local govermental regulations.

**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	CAS No.	Percentage by Weight
Natural Rubber	N/A	60 - 80 %
Resin	N/A	5 - 10 %
Rubber Solvent (N-HEXANE)	64742-89-8	10-30 %

**SECTION 4 FIRST AID MEASURES**

**Description of first aid measures**

**Eye contact :** Immediately flush eyes with plenty of water. Remove contact lenses if easy to do continue rinsing. Get medical attention.

**Skin contact :** Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/Symptoms develop, get medical attention.

**Inhalation :** Immediately remove the affected person to fresh air. If breathing is difficult, give oxygen. If symptoms develop and persist, get medical attention

**Swallowing :** Seek immediate medical attention. Do not induce vomiting.

**Most importance symptoms and effects, both acute and delayed**

Not applicable

**Indication of any medical attention and special treatment needed**

Not applicable

**SECTION 5 FIRE - FIGHTING MEASURES**

Upper flammable limit (UFL): Not determined

Lower flammable limit (LFL): Not determined

**Suitable extinguishing media :**

In case of fire, use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

**Special hazards arising from the substance or mixture :**

Close container exposed to heat from fire may build pressure and explode.

**Special protective active for fire-fighters :**

Wear a self-contained breathing apparatus with a full face piece operated in pressure-demand or other positive pressure mode. Wear full protective clothing .Water may not effectively extinguish fire, however it should be used to keep fire exploded containers and surface cool and prevent explosive rupture.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedure:**

Evacuate area. Keep way from heat/sparks/open flames/hot surfaces – No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill or spills in confine spaces, provide mechanical ventilation to disperse or exhaust vapor, in accordance with good industrial practice. Refer to other section of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protection equipment.

**Environmental precautions :**

Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Ventilate area. Do not allow product to enter sewer or water way

**Method and material for containment and cleaning up :**

Use noncombustible absorbent material such as sand. Use non-sparking tools for clean-up. Absorb spill with inert material, Shovel material into appropriate container for disposal. Wear suitable protective clothing, glove and eye/face protection. Dispose of according to Federal, state and local governmental regulation

**SECTION 7 HANDLING AND STORAGE**

**Precaution for safe handling:**

Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Do not store or consume food, drink, or tobacco in areas where they may become contaminated with the material.

**Condition for safe storage, including any incompatible**

Store in a well –ventilate place. Keep away from heat, sparks, open flame , hot surface. Keep away from oxidizing agent. Keep container closed when not in used.

**SECTION 8 EXPLOSURE CONTROLS AND PERSONAL PROTECTION**

**Respiratory Protection (Specify Type):** Not needed

**Ventilation :**

Local Exhaust: Yes  
 Mechanical (General): None  
 Special: n/a  
 Other: n/a

**Protective Gloves:** To avoid long-term exposure.

**Eye Protection:** None

**Other Protective Clothing or Equipment:** None

**Work/Hygienic Practices:** Normal hygienic practices.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

1. Specific gravity - 0.435 g/cm	5. Evaporation rate (n-Bu Acetate=1) - 6.4
2. Viscosity (measured by Brookfield at 25°C) 10,000 – 11,000 cps	6. Boiling point - 77–96°C
3. Colour/ Odour - yellowish / light smell	7. Heat of Vaporization @ Boiling & 1 atm. 328.00 kJ/kg
4. Solubility in water - Less than 0.10 %	8. Is the Material Hygroscopic? No

**SECTION 10 STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions of storage and use  
**Reactivity:** Stable under normal condition  
**Chemical stability:** Stable under normal condition  
**Possibility of hazardous reaction:** Hazardous will not occur  
**Condition to avoid:** Heat, sparks and/or flames  
**Material to avoid:** Strong oxidizing material  
**Hazardous decomposition product:** None

**SECTION 11 TOXICOLOGICAL INFORMATION**

**Relevant routes of exposure**  
 Oral, Dermal, Inhalation

**Potential health effects/symptoms**

**Inhalation:** Over-exposure may cause irritating effect on nose throat and respiratory tract.  
**Skin contact:** Prolonged or repeated contact may result in tanning and irritation effects.  
**Eye contact:** Over-exposure may irritating effects on eyes.  
**Ingestion:** Can cause central nervous system (CNS) depression. May be fatal if swollen and enters airways.

**Acute toxicity estimate:**

-Acute Oral Toxicity LD50 rat : > 2,000 mg/kg  
 -Acute Inhalation Toxicity LC50 rat :> 20 mg/ ¼ hours

**SECTION 12 ECOLOGICAL INFORMATION**

Do not throw any residue down drains.

**SECTION 13 DISPOSAL CONSIDERATIONS**

The product remnants are classified as chemical waste. Dispose of waste according to Local, State, Federal, and Provincial Environmental Regulations.

**SECTION 14 TRANSPORTATION INFORMATION**

**Land transport (ADRI RID)**

ADR class	not restricted	ADR item number	not relevant
RID class	not restricted	RID item number	not relevant
Hazard Identification No.	not relevant	Substance Identification No.	not relevant
TREM-Card	not relevant	UN number	none
Proper shipping name	not relevant		

**Sea transport (IMDG-codel IMO)**

IMO/IMDG code	not restricted	Class	not restricted
Packing group	not relevant	UN number	none
EMS	not relevant	MFAG	no
Proper shipping name	not relevant		

**Air transport (ICAO-TII IATA-DGR)**

ICAO-TI/IATA-DGR			
Class	not restricted	Packing group	not relevant
Proper shipping name	not relevant		

## SECTION 15 REGULATORY INFORMATION

Council Directive 67/548/EEC(Classification, packaging and labeling of dangerous substances) and subsequent amendments. Commission Directive 1999/45/CE (Classification, packaging and labeling of dangerous preparation) and subsequent amendments. Commission Directive 2001/58/CE(Safety data sheets). Commission Directive 98/24//CE (Protection of the health and safety of workers from the risk related to chemical agent). Commission Directive 2000/39/CE(Occupational exposure limit values).

### S Phrases:

- S2 Keep out of reach of children.
- S9 Keep container in a well-ventilated place.
- S16 Keep away from sources of ignition – No smoking.
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### Special Provisions:

Pressurized container. Protect from sunlight and do not expose to temperatures 50° C. Do not pierce or burn, even after use.

Keep away from sources of ignition – No smoking. Keep out of reach of children.

Where applicable, refer to the following regulatory provision :

Directive 2003/105/CE(Activities linked to risks of serious accidents).

## SECTION 16 OTHER INFORMATION

Not applicable