



## MATERIAL SAFETY DATA SHEET

Product: **Catalyst 2KP**

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### 1: Identification of the Substance / Preparation & of the Company

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**Product Name:** Dibutyltin dialaurate

**Application:** Accelerators or Additives for Silicon, Polyurethane & Polyester.

**Application:** **Stop Water Leaking & Soil Stabilizer or Soil Settlements, Injecting by high pressure mechanical pump and packer tools.**

**Company:** LaMaCo System Sdn. Bhd.

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**Telephone:** 60-4-771 1111      **Fax:** 60-4-772 4444

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### 2: Chemical and Physical Properties

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**Melting/softening Point:** 5 °C

**Density:** 1.045 g/cm<sup>3</sup> (30 °C)

**Boiling Point:** 400/10 mm Hg

**Decomposition Temperature:** Not Applicable

**Solubility in Water:** 20 °C

**Vapour Pressure:** 1333 pa at 400

**Physical Form and Odour:** Pale Yellow Liquid

**Hazardous Decomposition Products:** None

**Incompatibility (Keep away from):** Open flame

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### 3: Fire and Explosion Data

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**Flash Point:** 150 °C

**Extinghuing Media:** Foam, CO<sub>2</sub> dry chemical

**Special fire Precaution:** Use full protective clothing containing breathing apparatus

**Unusual Fire And Explosion Hazard:** Yes



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### 4: Health Hazard Data

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Acute Oral Toxicity (LD50)

1600 mg/kg

Effects of Overexposure:

**Do Not Over Ratio Mixing Maximum 5%  
5% of Catalyst 2KP Are Recommended  
95% of Resin Are Recommended**

### Emergency First Aid Procedures

**Eyes:**

Rinse immediately with plenty of water at least for 15 minutes, Obtain medical advise immediately.

**Skin Contact:**

Wash thoroughly with plenty of soap and water.

**Inhalation:**

Sit patient quietly in fresh air. Administer oxygen only if there is blueness or air hunger. Obtain medical advice immediately.

**If Swallowed:**

Give plenty of water to drink. Do not give milk, any oily substance, fat or alcohol. Never give anything into mouth of an unconscious person. Obtain medical advice immediately.

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### 5: Reactivity Data

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**Stability**

Stable

**Conditions to Avoid:**

Heat, sun-light

**Incompatibility (Materials to Avoid):**

Acid, Alkali

**Hazardous Decomposition Products:**

None (Will not Occur)

**Condition to Avoid:**

None

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### 6: Handling of Spills or Leaks

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#### Procedure for Clean Up

Absorb spilled liquid with sawdust, sand or waste. Sweep up and place it in a container Which should then be closed and be suitable labeled for disposal

#### Waster Disposal Method

Burn in an appropriate incinerator. Bury the ash (tin oxide) in an approved dump or in an area where there is no risk of contamination of surface or ground water.



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**7: Special Protection Information**

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Ventilation type Required: Local

Protective Measures: Respirators/dust mask  
Gloves (made of PVC or neoprene)  
Goggles

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**8: Special Precautions:**

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Precaution to be taken in handling a storage.

Avoid contact with eyes, skin and clothing.

Wash thoroughly after handling.

Store in a cool and dry area away from ignition sources.

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**9: Regulatory Information:**

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U.S. REGULATIONS: TSCA INVENTORY STATUS: Yes

OSHA PROCESS SAFETY (29 CFR 1910. 119): No

EUROPEAN REGULATIONS: EC NUMBER (EINECS): 201-039-8

(\*) Toxicology data Origination compounds: International Tin Research Institute (ITRI) No. 538

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**10: REGULATORY INFORMATION**

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Hazard Label Data:-

This product is NOT classified as dangerous for supply in the MALAYSIA & ASIA & EUROPEAN (EEC) & US.

Safety Phrases: In case of contact with eyes,rinse immediately with plenty of water and seek medical advice. Avoid contact with skin and eyes.

EC Directives: Dangerous Substances Directive,67/548/EEC and adaptations.

Dangerous Preparations Directive, 88/379/EEC.



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Safety Data Sheet Directive, 91/155/EEC.

Statutory Instruments: **Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regs. 1996 (S1 1092).  
Control of Substances Hazardous to Health Regs. 1994 (S1 3246).**

**Environmental Protection (Duty of Care) Regs. 1991 (S1 2839)**

Codes of Practice: **Waste Management. The Duty of Care.  
The above publications are available from HMSO**



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