

# SAFETY DATA SHEET

## 1. Identification of the substance or mixture and of the supplier

**GHS Product identifier:** NEWTLAC 5000

**Other means of identification**

**SDS number:** B0102982

**Recommended use of the chemical and restrictions on use**

**Recommended use:** Not available.

**Recommended restrictions:** Not known.

**Supplier's details**

**Manufacturer**

**Company Name:** Kao Corporation  
**Address:** 1-3,Bunka 2-chome,Sumida-ku,Tokyo 131-8501 Japan  
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**Fax:** +81-3-5630-7889  
**Division:** Chemical Business  
**E-mail:** chemical@kao.co.jp

**Emergency telephone number:** 81-3-5630-7700

## 2. Hazard(s) identification

**GHS classification of substance or mixture, and national or regional information:**

Not classified

**Label Elements**

The substance or product does not require a hazard warning label in accordance with the GHS directive.

<b>Pictograms:</b>	No symbol
<b>Signal Word:</b>	No signal word.
<b>Hazard Statement:</b>	Not applicable
<b>Prevention:</b>	Wash thoroughly after handling. If needed, use personal protective equipment as required.
<b>Response:</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER/doctor if you feel unwell.
<b>Storage:</b>	Store in a closed container. Protect from sun. Store in a well-ventilated room(under 40 C).
<b>Disposal:</b>	-

**Other hazards which do not result in GHS classification:** None.

## 3. Composition/information on ingredients

## Substances

Chemical Identity	Common name and synonyms	CAS number	Concentration*
**	Polyester resin	**	

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Trade secret information:** \*\* A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

**Composition Comments:** No hazardous ingredients.

## 4. First-aid measures

### Description of necessary first-aid measures

**Ingestion:** Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

**Inhalation:** Remove person to fresh air and keep comfortable for breathing.

**Skin Contact:** Gently wash with plenty of soap and water.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## 5. Fire-fighting measures

### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Water spray, powder

**Unsuitable extinguishing media:** No data available.

**Specific hazards arising from the chemical:** May produce irritating or toxic gases in a fire.

### Special protective action for fire fighters

**Special fire fighting procedures:** Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible.

**Special protective equipment for fire-fighters:** Use goggles in combination with dust mask, and other protections as appropriate to situation.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation. Keep upwind.

**Environmental Precautions:** Do not discharge into the drains, surface waters or ground water directly.

**Methods and material for containment and cleaning up:** Prevent dispersion of dust. Sweep or vacuum by dust-explosion-proof type cleaner.

**Notification Procedures:** Keep away from sources of ignition and prepare extinguishing media.

## 7. Handling and storage

**Precautions to ensure safe handling:** Avoid inhalation of fine dust . Use an adequate ventilation. Wash thoroughly after handling. If needed, use personal protective equipment as required. Prevent generation of dust. This material may cause risk of dust explosion. Keep away from source of ignition.

**Conditions for safe storage, including any incompatibilities:** Keep container tightly closed. Protect from sun. Store in a well-ventilated room(under 40 C). Keep away from source of ignition.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
Tin oxide - Inhalable fraction. - as Sn	TWA	2 mg/m3	US. ACGIH Threshold Limit Values, as amended (03 2019)

**ACGIH (TLV)** :10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended)(Particulates (insoluble or poorly soluble) not otherwise specified (PNOS))

**Appropriate Engineering Controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use local exhaust ventilation, in case of generation of dust.

### Individual protection measures, such as personal protective equipment

**Eye/face protection:** Safety glasses with side shield(Safety goggles or Face shield)

**Hand Protection:** Rubber gloves

**Other:** Full-body suit

**Respiratory Protection:** Use dust mask, as appropriate to situation.

**Hygiene measures:** No data available.

## 9. Physical and chemical properties

### Appearance

<b>Physical state:</b>	solid
<b>Form:</b>	Powder
<b>Color:</b>	Light yellow
<b>Odor:</b>	Odorless
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	No data available.
<b>Melting Point:</b>	100 °C
<b>Boiling Point:</b>	No data available.
<b>Flash Point:</b>	>= 200 °C (Setaflash Closed Cup)
<b>Evaporation Rate:</b>	No data available.
<b>Flammability:</b>	No data available.

<b>Explosive limit - upper:</b>	No data available.
<b>Explosive limit - lower:</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Relative vapor density:</b>	No data available.
<b>Density:</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Solubility in Water:</b>	Insoluble in water
<b>Solubility (other):</b>	Soluble in chloroform and toluene
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Self Ignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>Kinematic viscosity:</b>	No data available.
<b>Dynamic viscosity:</b>	No data available.
 <b>Particle Properties:</b>	 No data available.

## 10. Stability and reactivity

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Stable in general.
<b>Possibility of hazardous reactions:</b>	Has no self-reactivity.
<b>Conditions to avoid:</b>	No data available.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	No data available.

## 11. Toxicological information

### Acute toxicity (list all possible routes of exposure)

<b>Oral Product:</b>	Classification not possible due to insufficient data.
<b>Dermal Product:</b>	Classification not possible due to insufficient data.
<b>Inhalation Product:</b>	Dusts, mists and fumes: Classification not possible due to insufficient data. Vapour: No data available. Not classified based on available data of component(s).
<b>Skin Corrosion/Irritation Product:</b>	Classification not possible due to insufficient data.
<b>Serious Eye Damage/Eye Irritation Product:</b>	Classification not possible due to insufficient data.

### Respiratory or Skin Sensitization

**Product:** Skin: Classification not possible due to insufficient data.  
Respiratory: Classification not possible due to insufficient data.

**Carcinogenicity**

**Product:** Classification not possible due to insufficient data.

**IARC:**

No carcinogens present or none present in regulated quantities

**ACGIH:**

No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity**

**In vitro**

**Product:** Classification not possible due to insufficient data.

**In vivo**

**Product:** Classification not possible due to insufficient data.

**Reproductive toxicity**

**Product:** Classification not possible due to insufficient data.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** Classification not possible due to insufficient data.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** Classification not possible due to insufficient data.

**Aspiration Hazard**

**Product:** No data available.

**Other effects:** No data available.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** Classification not possible due to insufficient data.

**Aquatic Invertebrates**

**Product:** Classification not possible due to insufficient data.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** Classification not possible due to insufficient data.

**Aquatic Invertebrates**

**Product:** Classification not possible due to insufficient data.

### Persistence and Degradability

**Biodegradation**  
Product: No data available.

**BOD/COD Ratio**  
Product: No data available.

### Bioaccumulative potential

**Bioconcentration Factor (BCF)**  
Product: No data available.  
**Partition Coefficient n-octanol / water (log K<sub>ow</sub>)**  
Product: No data available.

**Mobility in soil:** No data available.

### Known or predicted distribution to environmental compartments

Polyester resin No data available.

**Other adverse effects:** No data available.

## 13. Disposal considerations

### Disposal methods

**Disposal instructions:** Review "HANDLING AND STORAGE (Section 7)". Passed to a licensed waste contractor. This product may cause risk of dust explosion.

**Contaminated Packaging:** No data available.

## 14. Transport information

**IATA**  
Not regulated.

**IMDG**  
Not regulated.

## 15. Regulatory information

### Safety, health and environmental regulations specific for the product in question

**Thailand. Hazardous Substances Prohibited from On-line Notification System (Notification of Ministry of Industry, B.E. 2547)**

**Thailand. Notification of Ministry of Industry, Re: List of Hazardous Substances B.E. 2538**

**Thailand. Hazardous Substances under Chapter 3, Duties and Civil Liabilities (Notification of Ministry of Industry Re: Hazardous Substances under Chapter 3 of Hazardous Substances Act)**

**Thailand. Notification of the Ministry of Interior, Re: Work Safety Relating to Dangerous Chemicals**

**Thailand. Notification of the Ministry of Interior, Re: Work Safety Relating to More Dangerous Chemicals**

**Thailand. Reportable Hazardous Substances (Notification of Ministry of Industry Re: Bases respecting report of quantity of hazardous materials under Department of Industrial Works, B.E. 2547)**

Not Regulated

**Inventory Status:**

US TSCA Inventory:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
Australia AICS:	On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory
Japan (ENCS) List:	On or in compliance with the inventory
Japan ISHL Listing:	On or in compliance with the inventory
Philippines PICCS:	Not in compliance with the inventory
China Inv. Existing Chemical Substances:	On or in compliance with the inventory
REACH (EU):	Contact us for information
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory

**16. Other information, including date of preparation or last revision**

<b>Issue Date:</b>	17.03.2021
<b>Revision Date:</b>	17.03.2021
<b>Version #:</b>	2.0
<b>Source of information:</b>	No data available.
<b>Further Information:</b>	No data available.

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**Reference:**

(2): Registry of Toxic Effects of Chemical Substances