

# ALEC TIRANTI LIMITED

TOOLS, MATERIALS & EQUIPMENT FOR MODELLING, CARVING, SCULPTURE

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## Material Safety Data Sheet

### T6 Catalyst

#### 1 IDENTIFICATION of PREPARATION

Material / Trade name  
Intended Use

T6 catalyst  
Liquid catalyst for RTV silicone compounds

#### 2 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Composition: Dimethylpolisiloxane, organic tin soap, organic silicate  
Dangerous components: Dibutyl tin dilaurate:- Propylsilicate:-  
CAS No 77-58-7 682-01-09  
% in weight <12 <25  
EU rules Xn R20/21/22 Xi R10/36/38  
EINECS All components are included

#### 3 HAZARD IDENTIFICATION

Ingestion: Irritates mouth, throat and stomach. Dangerous if swallowed in large quantity.  
Skin contact: Irritant  
Eye contact: Irritant  
Inhalation: Excessive inhalation causes nausea, headache, dizziness and incoordination

#### 4 FIRST AID MEASURES

Ingestion: Irritates mouth, throat and stomach. Dangerous if swallowed in large quantity. Never give anything by mouth to an unconscious person.  
Skin contact: Remove contaminated clothing and launder before reuse. Wash with soap and water. Get medical attention if irritation persists.  
Eye contact: Flush eyes with plenty of water for 15 minutes. Get medical attention.  
Inhalation: Remove to fresh air, if not breathing, give mouth to mouth respiration. Seek medical attention.

#### 5 FIRE FIGHTING MEASURES

Extinguishing media: All standard firefighting media  
Combustion products: Silica, CO<sub>2</sub>  
Clothing: Wear full protective clothing

#### 6 ACCIDENTAL RELEASE MEASURES

Cleaning: Wipe, scrape or soak up in an inert material  
Elimination: Follow local disposal for elimination  
Protective equipment: Wear proper protective equipment as specified in the protective equipment section. Remove sources of ignition.

#### 7 HANDLING & STORAGE

Handling: Use protective gloves, use only in well ventilated area, keep away from sources of ignition and food. Avoid contact with skin and eyes.  
Storage: Store upright in a cool place below 30°C. in the original well closed containers.

#### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

CAS: Mixture  
Respiratory Protection: Use in a well ventilated area

Hand protection: Rubber gloves

Eye Protection: Safety glasses

Skin protection: Wear protective clothing.

*Maximum Exposure Limits and Occupational Exposure Limits* are taken from the publication HSE 40/94 Occupational Exposure Limits 1994 or later issue, but Limits should be checked in the latest issue.

## 9 PHYSICAL & CHEMICAL PROPERTIES

Appearance: Translucent liquid  
Odour: Esther  
Ph: Unkn  
Boiling Point: > 200°C  
Flash Point: 63°C  
Viscosity: 10cps  
Specific gravity: 0.957  
Solubility in water: Hydrolyses  
Melting point: n.a  
Vapour pressure (20°C): n.a  
Ignition temperature: unkn  
Explosion limits: unkn

## 10 STABILITY & REACTIVITY

Dangerous reaction: None if stored and use as explained  
Hazardous decomposition products: CO, CO<sub>2</sub>, SiO<sub>2</sub> tin fumes  
Materials to avoid: Water, acidic, basic and oxidizing agents.  
Conditions to avoid: Avoid any source of ignition.

## 11 TOXICOLOGICAL INFORMATION

	Dibutyl tin-dilaurate	Propylsilicate
LD50 Acute oral(mg/kg):	1.470 (rat)	> 5000 (rat)
LD50 Acute dermal (mg/Kg):	> 2.000 (rbt)	> 2000 (rbt)
LC50 Acute inhalation (mg/lt):	None found	> 5

The product is considered irritant

## 12 ECOLOGICAL INFORMATION

Elimination: Not biodegradable  
Ambiental behaviour: unkn  
Ecotoxicological information: unkn

## 13 DISPOSAL CONSIDERATIONS

Product: Follow the local disposal. Eliminate the product after curing  
Packaging: After cleaning, possibly reuse them or dispose in accordance with the local regulations.

## 14 TRANSPORT INFORMATION

ADR/RID: 3.32C  
IMDG IMO: 3.3 Pag.3559 . 3345  
ICAO IATA: 3.III  
UN NO: 1993

## 15 REGULATORY INFORMATION

The information in this safety sheet does not constitute the user's own assessment of workplace risks as are required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

Symbol(s):- Xi Irritant  
R phrases:- R36/38 Irritating to skin and eyes

Safety S: S26 In case of contact with eyes, flush immediately with water and seek medical attention. S51 Use only in well ventilated areas.

## 16 OTHER INFORMATION

*The information contained in this Safety Data Sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations.*

*This product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use are outside the suppliers control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with. The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of material properties, of technical performance or suitability for particular applications.*

*Further information can be found in:*

The Control of Substances Hazardous to Health Regulations 1988 (SI 1988:1657)  
The Manual Handling Operations Regulations 1992 (SI 1992 : 2793)  
The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992 : 2839)  
The publication HSE EH40/94 Occupational Exposure Limits 1994 or latest issue.