

# ALEC TIRANTI LIMITED

TOOLS, MATERIALS & EQUIPMENT FOR MODELLING, CARVING, SCULPTURE

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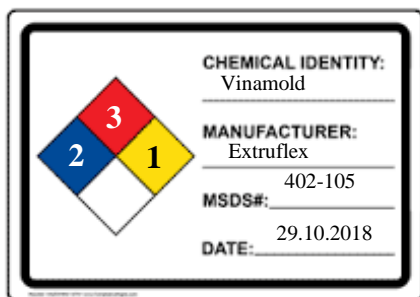
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## Material Safety Data Sheet

### VINAMOLD®

#### 1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Product Name and Use: Vinamold® . Reusable flexible mould compound.  
Supplier: Extruflex. France.



<b>Health</b>	<b>0</b>
<b>Fire</b>	<b>1</b>
<b>Reactivity</b>	<b>0</b>

#### 2 COMPOSITION / INFORMATION ON INGREDIENTS

##### Ingredients classified as dangerous:

Dangerous Ingredient	CAS#	EC#	Concentration	Classification
Alkanes, C14-17, chloro	85535-85-9	287-477-0	<25%w/w	R64 – R66 – N; R50-53

(Refer to Section 16 for R Phrases description)

##### Ingredients not classified as dangerous:

Di-“isononyl” phthalate (DINP), Polyvinylchloride (PVC), Soybean Oil, epoxidized, Calcium carbonate,  
Hydrocarbon waxes, Stearamide, Paraffin waxes, Calcium/Zinc Stabiliser.

(Classifications according to Directive 67/548/EEC)

#### 3 HAZARD IDENTIFICATION

Classification: One of the ingredients is classified as dangerous for the environment.

Other ingredients are not classified as dangerous.

Other hazards: Molten product can cause burns.

Product burning or overheating can result in the release of toxic and corrosive decomposition gases.

Refer to Section 10.3. Hazardous Decomposition Products.

#### 4 FIRST AID MEASURES

Inhalation: Solid Form: Not applicable.  
Molten Form: Not applicable.  
Decomposition Gases: Get medical attention immediately if required.  
Move exposed person to fresh air.  
If not breathing, if breathing is irregular or if respiratory arrest occurs provide artificial respiration or oxygen by trained personnel.  
Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact: Solid Form: Wash with soap and water.  
Molten Form: Get medical attention immediately if required.  
Do not attempt to remove the molten material from the affected area.  
Cool the area with cold running water for at least 15 minutes.  
Cover with a cold damp dressing.  
Decomposition Gases: Get medical attention immediately if required.  
Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.  
Wash clothing before reuse. Clean shoes thoroughly before reuse.

Eye Contact: Solid Form: Not harmful.  
Molten Form: Get medical attention immediately if required.  
Do not attempt to remove the molten material from the affected area.  
Cool the area with cold running water for at least 15 minutes.  
Cover with a cold damp dressing.

Decomposition Gases:  
Get medical attention immediately if required. Check for and remove any contact lens.  
Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

Ingestion: Get medical attention immediately if patient shows signs of distress.  
Do not induce vomiting.

#### 5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Dry powder, water mist, carbon dioxide or foam.

Extinguishing Media which shall not be used for Safety Reasons: High volume water jet.

Special Exposure Hazards arising from Combustion Products and Resulting Gases: Release of dense smoke.  
Release of toxic and corrosive gases (Refer to Section 10.3 Hazardous Decomposition Products).  
Do not release contaminated water into drains, soil or surface water.  
Sufficient measures must be taken to retain the water used for extinguishing.  
Dispose of contaminated water according to local regulations.  
Acid resistant protective clothing.  
Self contained breathing apparatus with a full face-piece operated in positive pressure mode.

Special Protective Equipment for Fire Fighters:

**Note:**  
If fire takes place in melting vessel: First isolate electrical supply to unit.  
Do not add water directly to molten compound.  
Place fire blanket over the vessel.  
Smother the vessel with carbon dioxide and cool with water mist or foam.

## 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	
Solid Form:	Not applicable.
Molten Form:	Do not touch until the material has cooled down.
Environmental Precautions:	Do not release into drains, soil or surface water.
Methods for Cleaning Up:	Remove manually with adapted equipment. Refer to Section 13. Disposal Considerations.

## 7 HANDLING & STORAGE

Handling:	Melting and pouring should take place in area with adequate ventilation. The melting cycle should be kept as short as possible. Do not heat the material over 120° for more than 3 hours. Do not heat the material over 170°C. Do not touch hot material.
Storage:	The material should be stored at a temperature between 10°C and 40°C. Do not stock with solvents.
Specific Use(s):	None.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION]

Exposure Limit Values:	None/Unknown.
<b>Exposure Controls</b>	
1. Occupational Exposure Controls:	
Respiratory Protection:	Wear adequate masks if ventilation is not adequate when handling molten material.
Hand Protection:	Wear adequate heat protection gloves when handling molten material. Wear adequate protection gloves in case of repeated exposure.
Eye Protection:	Wear adequate safety glasses when handling molten material.
Skin Protection:	Wear adequate heat protection clothes when handling molten material.
2. Environmental Exposure Controls:	Refer to Section 13. Disposal Considerations.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### 1. General Information

Appearance	
Physical State:	Solid.
Colour:	White, Beige, Yellow, Red or Blue.
Odour:	Characteristic.

### 2. Important Health, Safety and Environmental Information:

pH:	Not applicable.
Boiling Point:	Not applicable.
Flash Point:	Not determined.
Flammability:	Not determined.
Explosive Properties:	Not determined.
Oxidising Properties:	Not determined.
Vapour Pressure:	Not determined.
Relative Density:	1 to 1,2 g/cm <sup>3</sup>
Solubility:	Soluble in Solvents.

Water Solubility:	Insoluble.
Partition coefficient:	Not determined.
Viscosity:	Not determined.
Vapour density:	Not determined.
Evaporation Rate:	Not determined.

### 3. Other Information

Miscibility:	Not determined.
Melting Range:	150 to 170°C.
Gas Group:	Not applicable.
Auto-ignition temperature:	Not applicable.
Fat Solubility:	Soluble in solvents such as ketones, ethers...

## 10 STABILITY AND REACTIVITY

1. Conditions to Avoid: Under normal conditions, the material is stable.  
To avoid thermal decomposition:  
Do not heat the material over 170°C or over 120°C for more than 3 hours.
2. Materials to Avoid: Avoid contact with solvents (solubility).
3. Hazardous Decomposition: Hydrogen chloride (HCl) – React with water to form corrosive acids.  
Products: Carbon Dioxide (CO<sub>2</sub>).  
Carbon Monoxide (CO).

## 11 TOXICOLOGICAL INFORMATION

Repeated exposure to Alkanes, C14-17, chloro may cause skin dryness or cracking.  
Alkanes, C14-17, chloro may cause harm to breastfed babies.  
(Alkanes, C14-17, chloro is an ingredient contained into the polymer matrix).  
Other ingredients are not classified as dangerous (Directive 67/548/EEC)

## 12 ECOLOGICAL INFORMATION

1. Ecotoxicity: Alkanes, C14-17, chloro is very toxic to aquatic organisms, it may cause long-term adverse effects in the aquatic environment.  
(Alkanes, C14-17, chloro is an ingredient contained into the polymer matrix).  
Other ingredients are not classified as ecotoxic.
2. Mobility: Not available.
3. Persistence and Degradability: Polyvinylchloride (PVC) polymer is not biodegradable.  
Other ingredients are biodegradable or not.
4. Bio-accumulative Potential: Not available.
5. Results of PBT Assessment: Product not classified as PBT (No ingredients classified as PBT).  
(PBT: Persistent, Bio-accumulative and Toxic).
6. Other Adverse Effects: Not available.  
(Classifications according to Directive 67/548/EEC).

## 13 DISPOSAL CONSIDERATIONS

Appropriate methods of disposal of the product and packaging:  
Recycling in authorised facility (Recommended).  
Incineration in authorised facility.  
Landfilling in authorised facility.

**Note:** Local and National Provisions must be applied.

## 14 TRANSPORT INFORMATION

IMDG (sea):	Product not classified.
ADR (road):	Product not classified.
RID (rail):	Product not classified.
ICAO/IATA (air):	Product not classified.

## 15 REGULATORY INFORMATION

National laws and measures must be applied.

## 16 OTHER INFORMATION

List of relevant R-Phrases: Alkanes, C14-17, chloro (ingredient contained into the polymer matrix)  
R64: May cause harm to breastfed babies.  
R66: Repeated exposure may cause skin dryness or cracking.  
N: Dangerous for the Environment.  
R50-53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Sources: ESIS: European chemical Substances Information System.  
Suppliers Safety Data Sheets.  
Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006.

### Disclaimer:

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**29.10.2018**

**MSDS: 402-105 Vinamold®**