

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Sinoxi 100**

1.1 Supplier: Oxiquímica Lda  
Rua Julieta Ferrão n.º 12 Sala 401  
1600-161 Lisboa  
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### 2. COMPOSITION

Non Crystallising Gum Rosin

2.1 CAS n.º : 65 997 07 01

2.2 EINECS n.º: 29 36 590

### 3. HAZARDS IDENTIFICATION

This resin is a hard and brittle product supplied in a solid form, not harmful at normal handling conditions, but resin power must be washed out from the skin. Avoid spills of molten resin on the eyes or skin. In case of allergy, special care must be exercised and the use of protective cream is recommended. If resin dust is produced, inhalation can have an irritant effect on the respiratory tract. Vapours emitted when the resin is heated can also cause respiratory complications.

Resin dust presents risk of explosion with static electricity or sparkles.

Ingestion must be avoided.

### 4. FIRST AID MEASURES

**Skin Contact:** Minor Splashes of hot resin on the skin should be cooled, left intact and burn covered. The resin is sterile. Large splashes require treatment as for any large burn, but, once again, the resin must be left intact after prompt cooling and the injured skin area must be cooled and covered. Seek medical attention

**Inhalation:** Remove from the work area into a fresh zone. Seek medical attention

**Eye Contact:** Prompt irrigation with large amounts is required. Seek medical attention.

**Ingestion:** The mouth should be washed out with water and large quantities must be drunk. Seek medical attention.

**Spillage:** Spilled solid resin presents no hazard. Care must be taken to prevent creating excessive dust during removal. Seek medical attention.

### 5. FIRE FIGHTING MEASURES

To extinguish the fire, normal means can be used, being the more efficient dry power, CO<sub>2</sub> or FOAM. A Specific hazard to be taken in consideration is the thermal decomposition of the resin, which produces acrid fumes. Self-contained breathing apparatus may become necessary once the fire has gained hold in a confined space.

### 6. ACCIDENTAL RELEASE MEASURES

No special measures are to be taken, as the released resin is not harmful. To clean up the area, the resin may be removed by sweeping with a broom and placed in a container for disposal. Powder or dust should be dampened with water first.

Conventional precautions to handle chemicals must be respected

### 7. HANDLING AND STORAGE

Handling: Safe handling conditions require the use of gloves and goggles.

Production of resin dust must be avoided, especially by incorporating the resin carefully and slowly into the vessel. The working area should be properly ventilated and smoking must be forbidden.

Storage: This resin should be stored under cover and away from heat and sources of ignition. Smoking must be forbidden in the storage area that must be ventilated and cool. All open packages properly closed and presence of dust avoided.

## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Good industrial and personal hygiene should be observed. Hands and parts of the skin in contact with resin power should be washed frequently.

Other personal protective equipment must be used, such as:

- Respiratory filters, when dusty atmosphere
- Gloves
- Eye / Face protection when handling hot product.

## **9. PHYSICAL AND CHEMICAL DATA**

9.1 Physical State	Solid, light yellow
9.2 Boiling Point	> 300°
9.3 Melting Point	79 - 83° C
9.4 Solubility	Insoluble in Water. Soluble in aromatic, aliphatic, chlorinated hydrocarbons, esters and ketons.
9.5 Colour Gardner, (50% in Tol.)	8 max
9.6 Density	ca. 1,055

## **10. STABILITY AND REACTIVITY**

The solid or dissolved resin is stable and not reactive.

## **11. TOXICOLOGICAL INFORMATION**

The solid resin at room temperature presents no toxicological danger. No values of long term or chronic toxicity are available. Inhalation studies with rats submitted to decomposition fumes of these kinds of resins indicate low toxicity. At normal concentration of 1,50-2,00 mg/l of fumes, no deaths occurred after a six-hour exposure period.

## **12. ECOLOGICAL INFORMATION**

This resin is biodegradable. Thus, special care must be observed to not throw the resin residues in water basins or rivers.

## **13. DISPOSAL CONSIDERATIONS**

Power resin should be dampened.  
Empty paper bags can normally be incinerated.  
Empty metallic drums can be recycled or melted.  
Empty paper drums can be recycled or incinerated.

## **14. TRANSPORT INFORMATION**

This resin is not a hazardous product in terms of transport, according to the general transport regulations of goods. No special transport classification applies.

## **15. REGULATORY INFORMATION**

This resin was classified as non-dangerous under all chemical products regulations.  
Also, no safety regulations apply to the labelling of the resin.

## **16. OTHER INFORMATION**

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.