

SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Commercial name: **SINTOLIT**
Product name: **Mastic for Marble**
Chemical name: **Bicomponent Polyester**
manufacturer: **BANDINI S.r.l. – Via di Tor Cervara 263 - Roma – TEL. 06/2280783**

2. COMPOSITION / INFORMATION ON INGREDIENTS

ONLY DANGEROUS INGREDIENT FOR HEALTH IN ACCORDANCE WITH CEE 67/548

STYRENE: IN PERCENTAGE OF 15% CAS 100-42.5 CEE 601-026-00-0

**SYMBOL: Xn R20 harmful for inhalation
R36/38 irritating to eyes and skin**

3. HAZARDS IDENTIFICATION

Effects of overexposure: Irritation of skin, eyes and respiratory tracts.

Symptoms of overexposure :

- Inhalation: Coughing, headache, nausea.**
- Skin: Dry skin, redness.**
- Eyes: Pain, redness.**
- Ingestion: Sore throat, stomach ache, vomiting.**

4. FIRST AID MEASURES

- Inhalation: Move to fresh air.**
- Skin: Wash with water and soap.**
- Eyes: Rinse with water.**
- Ingestion: Do not induce vomiting. Rinse mouth with water. Seek medical advice.**

5. FIRE FIGHTING MEASURES

Advised extinguishing measure: Powder, carbon dioxide.
Prohibited extinguishing measure: None.
Hazardous combustion effects: Do not breath vapours.
Protective equipment: Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear gloves
Environmental precautions: Cover with inert absorbent.
Cleaning procedures: Collect as much as possible. Do not throw into sewer.

7. HANDLING AND STORAGE

Avoid contact and inhalation. Do not smoke. Keep away from heat and flames. Keep in a cool and ventilated area.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

STYRENE TLV	50 ppm	MAC	100 ppm
	213 mg/m ³		420 mg/m ³

- Respiratory protection: If insufficient ventilation, mask with filter.
- Hand protection: Gloves.
- Eye protection: Safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Thixotropic paste
Odor:	Typical of styrene
Flash Point:	53° C (closed can)
Auto-ignition:	490° C
Density:	1,8 gr/ml
Solubility in water:	NO
Boiling point:	145 °C (solvent)

10. STABILITY AND REACTIVITY

Stable in normal condition	
Condition to avoid:	Excessive heating.
Material to avoid:	Do not mix with peroxides.
Hazardous decomposition products:	None.

11. TOXICAL INFORMATION

- Inhalation :	LC 50, rat, 4 hr: 11 mg/l (styrene)
- Skin :	LD50, rabbit: Not known (styrene)
- Eyes:	Not known.
- Ingestion:	LD50, rat: 500 mg/kg (STYRENE)
- Eco-toxicity:	LC50 5Y, fish, 96 hr 10-100 mg/l. LC50, DAFNIA: 255 mg/l (STIRENE)

12. ECOLOGICAL INFORMATION

Use in accordance with good working knowledge.
Do not scatter the product in the environment.

13. DISPOSAL CONSIDERATION

When catalyzed, the product is totally inert. It does not release any solvent and it can be considered "special waste". Not catalyzed product waste, for the presence of organic solvents, has to be considered "harmful waste".
Cans containing residuals must be not reused.
Method of disposal: Controlled incineration, only to licensed firms.

14. TRANSPORT INFORMATION

Special precautions : N/A
NUMBER UN: 3269 Polyester resin kit

ADR / RID: N/A "transport in accordance with note E paragraph 2301"
ICAO / IATA: 3
CODE IMO: 3
EMS: F - E S - D
MARINE POLLUTANT: YES
SHIPPING NAME: POLYESTER RESIN KIT

15. REGULATORY INFORMATION

Contains : styrene
Symbol : Xn

Risk phrases: R10: Flammable.
 R20: Harmful for inhalation.
 R36/38: Irritating to eyes and skin.
Safety phrases: S 23: Do not breath vapours.

16. OTHER INFORMATION

PERIODIC MEDICAL EXAMINATION

BIBLIOGRAFIC SOURCES:

NIOSH: Registry of toxic effect and chemical substance.
INRS: Fiche toxicologique.
IMDG CODE: ED. 1994
ADR: ED. 1995

ALTHOUGH DATA IN MSDS ARE BASED ON INFORMATION OF THIS MOMENT AND ARE BELIEVED RELIABLE, WE CANNOT ASSUME ANY RESPONSIBILITY FOR THE USE THEREOF, NOR DO WE ACCEPT ANY LIABILITY FOR LOSS DAMAGES DIRECTLY OR INDIRECTLY CAUSED BY OUR PRODUCT.
THE USER IS HELD TO CHECK THE SAFETY, QUALITY AND ALL OTHER PROPERTIES OF THIS PRODUCT PRIOR TO USE.

