

MATERIAL SAFETY DATA SHEET

Platinsil-20TT

Version 1.0
Revision Date 01-04-2013

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND MANUFACTURER

Trade name : **Platinsil-20TT**

Usage : Transparent Silicone mould-making compound

Manufacturer : **Performance Polymers**
No.B-88, 3rd Main, 3rd Cross,
Opp. ESI Sub-Regional Office
DDUTT, Industrial Suburb, 2nd Stage,
Bangalore 560 022 (INDIA)
e-mail: ceo@performancepolymers.in

Telephone : +91—23379779
Emergency telephone : +91—9845689779
Number

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

Mixture of poly(dimethylsiloxane) containing vinyl groups, poly(dimethylsiloxane) and other additives

Chemical Name	CAS-No.	Symbol(s)	R-Phrases(s)	Concentration
Platinum Complex		Pt		% <1

3. HAZARDS IDENTIFICATION

Risk advice to humans and the environment
Causes skin/eye irritation

4. FIRST AID MEASURES

Skin contact : After contact with skin, remove product mechanically. Wash off with soap and water.

Eye contact : Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.
Little harm to health if swallowed. Rinse mouth.

Ingestion : Induce vomiting, Get medical attention

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5. FIRE-FIGHTING MEASURES

Remove sources of combustible materials. All standard

Suitable extinguishing : extinguishing agents are suitable.

Media : Foam, Powder , Carbon Dioxide

Specific hazards during fire : None

Fighting

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Use personal protective equipment. Remove source of ignition.

Methods for cleaning up : Soak with inert absorbent material (e.g. silica gel, sand, acid binder, sawdust). Shovel into suitable container for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling :

Advice on safe handling : Wear personal protective equipment while handling this product. Avoid sources of ignition. Grounding the equipment to discharge static charges recommended. Avoid contact with organic compounds containing nitrogen, sulfur, phosphorous, tin lead soldering flux, polyvinyl chloride and poly urethane as it might lead to incomplete curing.

Storage

Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated indoors with containers tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures : Well ventilated area with Eye wash bottle with pure water

Personal protective equipment

Hand Protection Advise : There is no risk to health due to contact with this chemical. Use hand protection to prevent mechanical injuries.

Eye protection : Safety glasses with side-shields

Hygiene measures : Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : Pasty Liquid
Colour : Translucent
Odour : Slight smell

Safety data

Melting point : No data available
Flash point : >290°C
Density : ca.1,1 g/cm³
Miscibility with water : Immiscible

10. STABILITY AND REACTIVITY

Thermal decomposition : Note: No decomposition if stored and applied as directed.
Further information : No dangerous reaction if used as recommended.

11. TOXICOLOGICAL INFORMATION

Human experience : Experience has shown, that the above mentioned product can be used without any danger to health, as long as the usual conditions of industrial hygiene are observed

12. ECOLOGICAL INFORMATION

Additional ecological Information : Eco-toxicological data for this product is not available.

13. DISPOSAL CONSIDERATIONS

Product : According to local regulations, can be taken to an appropriate incinerator equipped with exhaust gas cleaning.
Contaminated packaging : Dispose off as unused product.

14. TRANSPORT INFORMATION

Further Information : Not dangerous for road, ship or air transport

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15. REGULATORY INFORMATION

Further information : In accordance with Directive the product does not need to be classified nor labelled.

16. OTHER INFORMATION

16.1 Precautions :

This material is developed and manufactured for industrial applications only. For medical or other special applications, use after performing safety testing on the product and confirming safety. Never use for human applications such as implant, impregnation, and possible residue-remaining in the body..

16.2 Other Precautions :

The information herein is made based on references, information and data available at present. It may be revised when new information is available. The descriptions herein are for normal handling. For special applications, make safety provisions suitable to them prior to use

Further information

The information provided in this Material Safety Data Sheet (MSDS) is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text
