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Alloys
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MATERIAL SAFETY DATA SHEET

SternVantage Impression Material

Revision Date: Dec - 1999

Product: **SternVantage Impression Material**
Description: **Impression Material**
Chem Fam: **Preparation of vinyl dimethyl polysiloxane, platinum complexes and silica.**
Product No.: **220001, 220002, 220011, 220012, 220021, 220022, 220101, 220102, 220111, 220112, 220121, 220122, 220131, 220151**

SECTION II - HAZARDOUS INGREDIENTS

None, if handled according to directions.
No labeling of hazardous ingredients required.

SECTION III - PHYSICAL DATA

Appearance: Pasty or viscous liquid in different colorations.
Odor: Weak or fruity
pH-value: not applicable
Changes in physical state:
Boiling point: > 300°C
Decomposition temperature: ca. 100°C
Flashpoint: > 130°C
Ignition temperature: > 400°C
Explosion properties: not established
Vapor pressure: < 100mbar
Rel. vapor density: >1
Density: 1.2 - 1.7 g/cm³
Solubility in water: insoluble

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Extinguishing media: Powder, sand, foam, carbon dioxide, and water spray.
Not suitable extinguishing media: direct jet of water

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SECTION V - FIRST AID MEASURES

In case of inhalation: Not applicable.
In case of skin contact: Wash with soap and water.
In case of eye contact: Immediately rinse with plenty of water, seek medical advice.
In case of ingestion: Consult a physician.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear suitable protective clothing.
Environmental precautions: Avoid pollution of water and sewage.
Methods of cleaning up: Take up mechanically, with inert fluid-binding material.

SECTION VII - HANDLING AND STORAGE

Handling:

Technical measures: Keep container tightly closed.
Safe handling advice: Wear suitable gloves. Avoid contact with eyes.

Storage:

Technical measures: No special precautions necessary.
Storage conditions: Keep container tightly closed.
Recommended packaging material: Container of glass or metal or solvent-stable plastics.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures:

No special precautions necessary.

Personal protective equipment:

Respiratory protection: Not volatile vapors.
Hand and skin protection: Rubber gloves
Eye protection: Goggles
Hygiene measures: When using do not eat or drink.

SECTION IX - STABILITY AND REACTIVITY

Thermal decomposition: None, if handled and stored according to directions. At ca. 100°C in presence of air evolution of small amounts of formaldehyde by oxidative degradation.
Hazardous reactions: In presence of water evolution of small amounts of hydrogen possible.
Conditions to avoid: Heat.
Hazardous decomposition products: Formaldehyde, hydrogen

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SECTION X - TOXICOLOGICAL INFORMATION

Acute oral toxicity: LD50 (Rate) > 5000 mg/kg
Irritation of skin: Not irritating.
Irritation of eye: Not irritating (rabbit, 24h). On prolonged exposure irritation possible.

SECTION XI - ECOLOGICAL INFORMATION

Do not discharge into drains or the environment, dispose to an authorized waste collection point.
Persistence and degradability: No data available for the preparation. Partially degradable (components).
Ecotoxicity: Fish toxicity LC50 > 200 mg/l/96h

SECTION XII - DISPOSAL CONSIDERATIONS

Waste from residues: Dispose to an authorized waste collection point. Use proper landfill disposal or incineration in accordance with local, state and federal regulations

SECTION XIII - TRANSPORT INFORMATION

Additional Information: Not dangerous transport goods.

SECTION XIV - REGULATORY INFORMATION

Labeling according international regulations: No labeling

SECTION XV - OTHER INFORMATION

None

The data given here is based on current knowledge and experience. The data does not signify any warranty with regard to the product's properties.