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MATERIAL SAFETY DATA SHEET

TRADE NAME: Precision Impression Materials

CHEMICAL FAMILY: Dental Filling Material
FORMULA: Base: vinylpolysiloxane – filling material – polymethylhydrogensiloxane.
 Catalyst: vinylpolysiloxane – filling material – ppm platinum siloxane complex.
ADDITIONAL INFORMATION: No further information since neither hazardous substance nor hazardous compound according to 67/548/EEC.
HAZARDOUS IDENTIFICATION: No special hazards have to be mentioned.

I. PHYSICAL DATA

APPEARANCE:

Putty Properties

Form: Paste
 Color: Base: Violet
 Catalyst: White
 Flavor: Base: each: Unflavored, Berry, Mint
 Catalyst: Unflavored

Cartridge Properties

Form: Paste
 Color:

	Base Paste	Catalyst Paste
Extra Lite Body	Orange	Light Orange
Lite Body	Light Green	Green
Medium Body	Blue	Light Blue
Heavy Body	Pink	Light Blue

Flavor: Base: each: Unflavored, Berry, Mint
 Catalyst: Unflavored

Density: at 20⁰C

Putty Viscosities: Base: 1.60-1.68 g/cm³
 Catalyst: 1.57-1.65 g/cm³

Cartridge Viscosities:

	Base Paste	Catalyst Paste
Extra Lite Body	1,30-1,38 g/cm ³	1,27-1,35 g/cm ³
Lite Body	1,30-1,38 g/cm ³	1,27-1,35 g/cm ³
Medium Body	1,47-1,55 g/cm ³	1,46-1,54 g/cm ³
Heavy Body	1,53-1,61 g/cm ³	1,52-1,60 g/cm ³

Solubility In Water: Insoluble
 pH-value: Neutral

II. FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA: Water, Foam, CO₂, dry chemical extinguisher.

III. HEALTH HAZARD DATA/FIRST AID PROCEDURES

EYES: Eye treatment by an Oculist
 SKIN: No special measures necessary
 INGESTION: No special measures necessary

IV. REACTIVITY DATA**TOXICOLOGICAL INFORMATION:**

ACUTE ORAL TOXICITY: LD50: >2000 mg/kg rat
 IRRITANT EFFECT ON SKIN: Non-irritant
 IRRITANT EFFECT ON EYES: Non-irritant
 SENSITIZATION: Non-sensitizing
 HAZARDOUS REACTIONS: No hazardous reactions known

V. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Pick up mechanically.
 ENVIRONMENTAL PRECAUTIONS: Do not discharge product unmonitored into the environment.
 DISPOSAL CONSIDERATIONS: Disposal in agreement with Local Waste Disposal Authority

VI. SPECIAL PROTECTION INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: No special measures necessary
 GENERAL PROTECTIVE MEASURES: No special measures necessary

TRANSPORT INFORMATION:

ROAD TRANSPORT: GGVS/ADR: No hazardous goods.
TRAIN TRANSPORT: GGVE/RID: No hazardous goods.
MARINE TRANSPORT: IMDG/GGVSea-Code: No hazardous goods.
AIR TRANSPORT: ICAO/IATA-DGR: No hazardous goods.

REGULATORY INFORMATION:

LABELING: In accordance with GefStoffV/EC:
The product does not require a hazard warning label in accordance with EC-Directives/German regulations on dangerous substances.

EMERGENCY PHONE NUMBER: (805) 346-3700

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