

Clinician's Choice Dental Products Inc.

Safety Data Sheet

Section 1. Identification of Substance/Preparation and Company/Undertaking

PRODUCT IDENTIFIER

Trade Name: Template® Ultra Quick Matrix Material

Relevant Identified Uses of the Substance or Mixture and Uses

Advised Against: No further relevant information available.

Application of the Substance/the Preparation: Impression material

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Manufacturer/Supplier:

CLINICIAN'S CHOICE® Dental Products

167 Central Avenue, London, ON, Canada, N6A 1M6

For US Distribution: Brookfield, CT, USA, 06804

Emergency Telephone Number: 1-800-265-3444, (519) 641-3066

info@clinicianschoice.com

Section 2. Hazards Identification

Classification of the Substance or Mixture: The product is not classified according to the Globally Harmonized System (GHS).

Classification According to Directive 67/548/EEC or Directive 1999/45/EC: Not applicable.

Information Concerning Particular Hazards for Human and Environment: The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification System: The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

LABEL ELEMENTS

Label according to EU Guidelines: Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

Classification System:

NFPA ratings (scale 0-4)

Health = 0

Fire = 1

Reactivity = 0

HMIS-rating (scale 0-4)

Health = 0

Fire = 1

Reactivity = 0

Other Hazards

Results of PBT and vPvB Assessment

PBT: Not applicable

vPvB: Not applicable

Section 3. Composition/Information on Ingredients

Chemical characterization: Mixtures

Description: Addition-vulcanizing 2-component Silicone

Dangerous Components: Void

Additional Information: For the wording of the listed risk phrases refer to section 16.

Section 4: First-Aid Measures

DESCRIPTION OF FIRST AID MEASURES

General Information: No special measures required.

After Inhalation: Supply fresh air; consult doctor in case of complaints.

After Skin Contact: Generally, the product does not irritate the skin.

After Eye Contact: Rinse opened eye for several minutes under running water.

After Swallowing: If symptoms persist, consult doctor.

INFORMATION FOR DOCTOR

Most Important Symptoms and Effects, Both Acute and Delayed:

No further relevant information available.

Indication of any Immediate Medical Attention and Special Treatment Needed: No further relevant information available.

Section 5: Fire-Fighting Measures

EXTINGUISHING MEDIA

Suitable Extinguishing Agents: Use fire fighting measures that suit the environment.

Special Hazards Arising from the Substance or Mixture: No further relevant information available.

ADVISE FOR FIRE FIGHTERS

Protective Equipment: No special measures required.

Section 6: Accidental Release Measures

Avoid contact with eyes.

Environmental Precautions: Do not allow to enter sewers/surface or ground water.

Methods and Material for Containment and Cleaning Up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Reference to Other Sections:

No dangerous substances are released

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

Section 7: Handling and Storage

HANDLING:

Precautions for Safe Handling: When using, do not eat, drink, or smoke.

Information about Protection Against Explosions and Fires:

No special measures required.

Conditions for Safe Storage, Including any Incompatibilities

STORAGE:

Requirements to be met by Storeroom and Receptacles: Keep receptacle tightly sealed.

Information about Storage in one Common Storage Facility: Not required.

Further Information about Storage Conditions: None.
Specific End Use(s): No further relevant information available.

Section 8: Exposure Controls/Personal Protection

Additional Information about Design of Technical Systems: No further data; see item 7

CONTROL PARAMETERS

Components with Limit Values that Require Monitoring at the Workplace:

14464-46-1 Cristobalite

REL 0.05* mg/m³

* Respirable dust

TLV 0.025 R mg/m³

Additional Information: The lists that were valid during the creation were used as basis.

EXPOSURE CONTROLS

Personal Protective Equipment:

General Protective and Hygienic Measures: The usual precautionary measures for handling chemicals should be followed.

Breathing Equipment: Not required.

Protection of Hands: Not required.

Material of Gloves: Not applicable.

Penetration Time of Glove Material: Not applicable.

Eye Protection: Goggles recommended during refilling.

Body Protection: Protective work clothing.

Section 9: Physical and Chemical Properties

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

Appearance:

Form: Viscous

Color: Lilac

Odor: Characteristic

Odor Threshold: Not determined

pH-Value: Not determined

CHANGE IN CONDITION

Melting Point/Melting Range: Undetermined

Boiling Point/Boiling Range: 301°C (574°F)

Flash Point: 111°C (232°F)

Flammability (solid, gaseous): Not applicable

Ignition Temperature: 350°C (662°F)

Decomposition Temperature: Not determined

Auto Igniting: Product is not self-igniting.

Danger of Explosion: Product does not present an explosion hazard.

Explosion Limits:

Lower: Not determined

Upper: Not determined

Oxidizing Properties: Not determined

Vapor Pressure at 20°C (68°F): 100 hPa (75 mm Hg)
Density at 20°C (68°F): 1.35 g/cm³ (11.266 lbs/gal)
Relative Density: Not determined
Vapor Density: Not determined
Evaporation Rate: Not determined
Solubility In/Miscibility with Water: No miscible or difficult to mix.
Partition Coefficient (n-octanol/water): Not determined
Viscosity:
Dynamic: Not determined
Kinematic: Not determined
Solvent Content:
Organic Solvents: 0.0%
Other Information: No further relevant information available.

Section 10: Stability and Reactivity

Reactivity: No dangerous reactions if used according to specifications.
Chemical Stability: Stable if used according to specifications.
Thermal Decomposition/Conditions to be Avoided: No decomposition if used according to specifications.
Possibility of Hazardous Reactions: No dangerous reactions known.
Conditions to Avoid: No further relevant information available.
Incompatible Materials: No further relevant information available.
Hazardous Decomposition Products: No dangerous decomposition products known.

Section 11: Toxicological Information

INFORMATION ON TOXICOLOGICAL EFFECTS

Acute Toxicity:
Primary Irritant Effect:
On the Skin: No irritant effect.
On the Eye: No irritant effect.
Sensitization: No sensitizing effects known.

Additional Toxicological Information: The product was not subject to classification according to internally approved calculation methods for preparations:
When used according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

CARCINOGENIC CATEGORIES

IARC (International Agency for Research on Cancer)
14464-46-1 Cristobalite 1
7631-86-9 Silicon Dioxide, Chemically Prepared 3
14807-96-6 Talc (Mg₃H₂(SiP₃)₄) 2B
1318-02-1 Sodium Aluminium Silicate 3
13463-67-7 Titanium Dioxide 2B
NTP (National Toxicology Program)
14464-46-1 Cristobalite K

Section 12: Ecological Information* (non-mandatory)

TOXICITY

Aquatic Toxicity: No further relevant information available.
Persistence and Degradability: No further relevant information available.
Behavior in Environmental Systems:
Bioaccumulative Potential: No further relevant information available.
Mobility in Soil: No further relevant information available.
Additional Ecological Information:
General Notes:
Water hazard class 1 (self-assessment): Slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Results of PBT and vPvB Assessment
PBT: Not applicable.
vPvB: Not applicable.
Other Adverse Effects: No further relevant information available.

Section 13: Disposal Considerations* (non-mandatory)

Waste Treatment Methods
Recommendation: Disposal must be made according to official regulations.
Uncleaned Packagings:
Recommendation: Disposal must be made according to official regulations.

Section 14: Transport Information* (non-mandatory)

UN-Number
DOT, ADR, ADN, IMDG, IATA Void
UN Proper Shipping Name
DOT, ADR, ADN, IMDG, IATA Void
Transport Hazard Class(es)
DOT, ADR, ADN, IMDG, IATA
Class Void
Packing Group
DOT, ADR, ADN, IMDG, IATA Void
Environmental Hazards:
Marine Pollutant: No
Special Precautions for User Not Applicable
UN "Model Regulation": –

Section 15: Regulatory Information* (non-mandatory)

Safety, health, and environmental regulations/legislation specific for the substance or mixture.
Sara
Section 355 (Extremely Hazardous Substances):
None of the ingredients are listed.
Section 313 (Specific Toxic Chemical Listings):
None of the ingredients are listed.
TSCA (Toxic Substances Control Act):
All ingredients are listed.

Proposition 65

Chemicals Known to Cause Cancer: 1464-46-1 Cristobalite
Chemicals Known to Cause Reproductive Toxicity for Females:
None of the ingredients are listed.
Chemicals Known to Cause Reproductive Toxicity for Males:
None of the ingredients are listed.
Chemicals Known to Cause Developmental Toxicity:
None of the ingredients are listed.

Cancerogenity Categories

EPA (Environmental Protection Agency): None of the ingredients are listed.

TLV (Threshold Limit Value established by ACGIH)

1464-46-1 Cristobalite A2

14807-96-6 Talc (Mg3H2(SiO3)4) A4

13463-67-7 Titanium Dioxide A4

MAK (German Maximum Workplace Concentration)

14464-46-1 Cristobalite 1

14807-96-6 Talc (Mg3H2(SiO3)4) 3B

57455-37-5 Sodium Aluminium-Sulfo-Silicate 6 mg/m3 Feinstaub

13463-67-7 Titanium Dioxide 3A

NIOSH-Ca (National Institute for Occupational Safety and Health)

14464-46-1 Cristobalite

13463-67-7 Titanium Dioxide

OSHA-Ca (Occupational Safety and Health Administration)

None of the ingredients are listed.

Product Related Hazard Information:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

NATIONAL REGULATIONS:

Water Hazard Class: Water hazard Class 1 (self-assessment):

Slightly hazardous for water.

Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

Section 16: Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Prepared by: Peter G. Jordan

CAUTION: U.S. Federal law restricts this device to sale by, or on the order of, a dentist.