

# SAFETY DATA SHEET

acc. to OSHA HCS 29 CFR 1910.1200

Version US-EN

Reviewed on 03/31/2025

## 1. IDENTIFICATION

- **Product Identifier**

- **Trade Name:** Stax Plus Porcelain Modeling Liquid

- **Relevant identified uses of the substance or mixture and uses advised against**

Dental material

The product is intended for professional use.

- **Application of the mixture** Auxiliary for manufacture of dental prosthesis.

- **Manufacturer/Supplier:**

Dental Creations, Ltd.

5015 Fort Ave

Waco, TX 76710

[www.wonderfill.com](http://www.wonderfill.com)[savetime@wonderfill.com](mailto:savetime@wonderfill.com)

Phone Number - 254-772-4661

Emergency Contact Outside of US

3E – Account # 11635

3207 Grey Hawk Court, Suite 200

Carlsbad, CA 92010

Phone Number - 1-855-350-3592

## 2. HAZARD(S) IDENTIFICATION

- **Classification of the substance or mixture**

The product is not classified according to the Globally Harmonized System (GHS). None present. This is not a hazardous material as defined in the OSHA Hazard Communication Standard. Proprietary ingredients in a non-toxic water based formula.

- **Additional information:**

The information provided is in regards to the toxicity and hazard rating(s) of the individual component(s) in the formulation. The associated risk(s) depends on the route(s) of exposure. The hazard rating system is based entirely on the existence of the risk(s) and does not take into account the likelihood of reduced risk(s) through proper usage and handling.

- **Label elements**

- **GHS label elements** Void

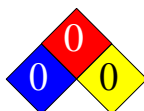
- **Hazard pictograms** Void

- **Signal word** Void

- **Hazard statements** Void

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



Health = 0

Fire = 0

Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 0

Fire = 0

Reactivity = 0

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- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3. COMPOSITION / INFORMATION OF INGREDIENTS

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.
- **Dangerous components:** Void
- **Additional information:**  
If a substance is marked with \*\*, then substance is a trade secret. This is allowed under OSHA's Hazard Communication Standard (HCS) as a trade secret and under GHS as Confidential Business Information (CBI).

### 4. FIRST AID MEASURES

- **Description of first aid measures**
- **General information:**  
No special measures required.  
If symptoms persist consult doctor.
- **After inhalation:**  
Supply fresh air; consult doctor in case of complaints.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**  
Rinse with warm water.  
If symptoms persist consult doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Rinse out mouth and then drink plenty of water. 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.

### 5. FIRE-FIGHTING MEASURES

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use firefighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.

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- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**  
 Dispose of fire debris and contaminated firefighting water in accordance with official regulations.

## 6. ACCIDENTAL RELEASE MEASURES

- **Personal precautions, protective equipment and emergency procedures**  
 Remove persons from danger area.
- **Environmental precautions:**  
 N/A
- **Methods and material for containment and cleaning up:**  
 Absorb liquid components with liquid-binding material.  
 Dispose of the collected material according to regulations.
- **Reference to other sections**  
 See Section 7 for information on safe handling.  
 See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## 7. HANDLING AND STORAGE

- **Handling:**
- **Precautions for safe handling** Observe instructions for use.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
 Store only in unopened original receptacles.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Observe instructions for use / storage.
- **Specific end use(s)** No further relevant information available.

## 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:**  
 The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **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. Wash hands before breaks and at the end of work.
- **Breathing equipment:** Suitable respiratory protective device recommended.
- **Protection of hands:** Protective gloves

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• **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

• **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• **Eye protection:** Safety glasses

**9. PHYSICAL AND CHEMICAL PROPERTIES**

• <b>Information on basic physical and chemical properties</b>	
• <b>General Information</b>	
• <b>Appearance:</b>	
Form:	Liquid
Color:	Colorless
• <b>Odor:</b>	Characteristic
• <b>Odor threshold:</b>	Not determined.
• <b>pH-value:</b>	Not determined.
• <b>Change in condition</b>	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100 °C (212 °F)
• <b>Flash point:</b>	Not applicable.
• <b>Flammability (solid, gaseous):</b>	Not applicable.
• <b>Ignition temperature:</b>	Undetermined.
• <b>Decomposition temperature:</b>	Not determined.
• <b>Auto igniting:</b>	Product is not selfigniting.
• <b>Danger of explosion:</b>	Product does not present an explosion hazard.
• <b>Explosion limits:</b>	
Lower:	Not determined.
Upper:	Not determined.
• <b>Vapor pressure:</b>	Not determined.
• <b>Density at 20 °C (68 °F):</b>	1 g/cm <sup>3</sup> (8.345 lbs/gal)
• <b>Relative density</b>	Not determined.
• <b>Vapour density</b>	Not determined.
• <b>Evaporation rate</b>	Not determined.
• <b>Solubility in / Miscibility with</b>	
Water:	Insoluble.
• <b>Partition coefficient (n-octanol/water):</b>	
Not determined.	
• <b>Viscosity:</b>	
Dynamic:	Not determined.

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<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	0.0 %
<b>Water:</b>	Range 97.3 to 99.9 %
· <b>Other information</b>	No further relevant information available.

### 10. STABILITY AND REACTIVITY

- **Reactivity** No further relevant information available.
- **Chemical stability** Stable at ambient temperature.
- **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.

### 11. TOXICOLOGICAL INFORMATION

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** No further relevant information available.
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product is not subject to classification according to internally approved calculation methods for preparations:

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

- **Carcinogenic categories' legend:**

IARC Group 1: The agent is carcinogenic to humans.

IARC Group 2A: The agent is probably carcinogenic to humans.

IARC Group 2B: The agent is possibly carcinogenic to humans.

IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans. IARC

Group 4: The agent is probably not carcinogenic to humans.

NTP K: Known to be human carcinogen.

NTP R: Reasonably anticipated to be human carcinogen.

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## 12. ECOLOGICAL INFORMATION

- **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.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13. DIPOSAL CONSIDERATIONS

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

## 14. TRANSPORT INFORMATION

· <b>UN-Number</b>	
· <b>DOT, ADR, ADN, IMDG, IATA</b>	Void
· <b>UN proper shipping name</b>	
· <b>DOT, ADR, ADN, IMDG, IATA</b>	Void
· <b>Transport hazard class(es)</b>	
· <b>DOT, ADR, ADN, IMDG, IATA</b>	
· <b>Class</b>	Void
· <b>Packing group</b>	
· <b>DOT, ADR, IMDG, IATA</b>	Void
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation".</b>	

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## 15. REGULATORY INFORMATION

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- SARA (Superfund Amendments and Reauthorization Act)

- **Section 355 (extremely hazardous substances):**

No ingredient are listed.

- **Section 313 (Specific toxic chemical listings):**

No ingredient are listed.

- **TSCA (Toxic Substances Control Act):**

No ingredient are listed.

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

No ingredient are listed.

D, I, II

- **TLV (Threshold Limit Value established by ACGIH)**

No ingredient are listed.

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

No ingredient are listed.

- **GHS label elements** Void

- **Hazard pictograms** Void

- **Signal word** Void

- **Hazard statements** Void

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16. OTHER INFORMATION

- **Date of preparation / last revision** 08/05/2015

- **Abbreviations and acronyms:**

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

HCS: Hazard Communication Standard (USA)

MSDS: Material Safety Data Sheet

SDS: Safety Data Sheet

ADN: Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways)

ECHA: European Chemicals Agency

OSHA: Occupational Safety and Health Administration (USA)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA) LC50: Lethal concentration, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative

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· **Sources**

- Manufacturers' MSDSs/SDSs
- OSHA (<https://www.osha.gov/dts/chemicalsampling/toc/chmcas.html>)
- TOXNET (<http://toxnet.nlm.nih.gov/>)
- ECHA (<http://echa.europa.eu/>)
- EnviChem ([www.echemportal.org](http://www.echemportal.org))

· **Disclaimer:**

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