



# Material Safety Data Sheet

## SECTION 1 — PRODUCT IDENTIFICATION

**MANUFACTURER:**  
The Hygenic Corporation  
1245 Home avenue  
Akron, Ohio 44310

**PHONE NO. (FOR INFORMATION):**  
(330) 633-8460

**EMERGENCY PHONE NO.:**  
(330) 633-8460

**PRODUCT NAME:**  
Orthodontic Tray Wax Sticks

**ISSUE DATE:** September, 1996

## SECTION 2 — MATERIAL IDENTIFICATION AND INFORMATION

**COMPONENTS — Chemical Name & Common Names**  
(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)

%

OSHA  
PEL

ACGIH  
TLV

OTHER LIMITS  
RECOMMENDED

**Formula:** Proprietary

Non-Hazardous Ingredients **Petroleum Hydrocarbons and Additives**

100

TOTAL 100

## SECTION 3 — PHYSICAL / CHEMICAL DATA

**Boiling Point:** >316°C

**Specific Gravity:** 0.9

**Vapor Pressure (mm Hg and Temperature):** < 0.1mm Hg at 20°C

**Melting Point:** 58°C approx.

**Vapor Density (Air = 1):** Not applicable

**Evaporation Rate: (Bu Ac = 1)** Not applicable

**Solubility in Water:** Neg

**Water Reactive:** No

**Appearance and Odor:** White pleasantly scented sticks

## SECTION 4 — FIRE AND EXPLOSION HAZARD DATA

**Flash Point: and method used** 221°C (COC)

**Flammability Limits in Air % by Volume:**

LEL Not established

**Auto-Ignition Temperature:** Not established

UEL Not established

**Extinguisher Media:** CO<sub>2</sub>, Foam, Dry chemical

**Special Fire Fighting Procedures:**

**Fire fighters must use self-contained breathing apparatus**

**Unusual Fire and Explosion Hazards:**

None

## SECTION 5 — REACTIVITY HAZARD DATA

**STABILITY:**  Stable  Unstable  
**Conditions To Avoid:** Strong oxidation

**INCOMPATIBILITY:** **Materials To Avoid:** Strong oxidizers

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide

**HAZARDOUS POLYMERIZATION:**  May Occur  Will Not Occur  
**Conditions To Avoid:** Not applicable

## SECTION 6 — HEALTH HAZARD DATA

**PRIMARY ROUTES OF ENTRY:**  Inhalation  Ingestion  Not Hazardous  
 Skin Absorption

**CARCINOGEN LISTED IN:**  NTP  IARC Monograph  OSHA  Not Listed

### HEALTH HAZARDS

**Acute:** Not expected to be a health hazard.

**Chronic:**

Not applicable

**Signs and Symptoms of Exposure:**

Medical Conditions Generally Aggravated by Exposure:

Not applicable

Not applicable

### EMERGENCY FIRST AID PROCEDURES

Seek medical assistance for further treatment, observation and support if necessary.

**Eye Contact**

Flush with water

**Skin Contact**

Wash with soap and water.

**Inhalation** Not likely to occur.

**Ingestion** Not likely to occur.

## SECTION 7 — SPECIAL PROTECTION INFORMATION

**Respiratory Protection (Specify Type):** No special requirements

**Protective Gloves:** Not needed under conditions of intended use | **Eye Protection:** Not needed under conditions of intended use

**VENTILATION:**  Local Exhaust  Mechanical (general)  Special  Not needed under conditions of intended use  
 Other (specify)

**Other Protective Clothing and Equipment:** Not needed under conditions of intended use

**Hygienic Work Practices:** Yes

## SECTION 8 — PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

**Steps to be Taken if Material is Spilled Or Released**

Shovel up and dispose of in approved waste facility

**Waste Disposal Methods**

May be incinerated in compliance with prevailing regulations

**Precautions to be Taken in Handling and Storage**

Keep in clean, dry place.

**Other Precautions and/or Special Hazards**

Store away from heat and flames.

To the best of our knowledge, the information contained herein is correct. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of the chemical is the sole responsibility of the user. Users of any chemical should satisfy themselves that the conditions and methods of use assure that the chemical is used safely.