

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

075183488

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

074574240 074575221 075170329 075170352 075170386 075171368 075171855 075172341 075172838 075173323  
075173356 075173380 075173877 075173901 075173935 075174917 075175401 075177506 075178835 075179320  
075179726 075179817 075181284 075182845 075182878 075182902 075182936 075182969 075183454 075183512

# MATERIAL SAFETY DATA SHEET

## I. PRODUCT IDENTIFICATION

**COMPANY NAME:** Heraeus Kulzer, Inc.

**ADDRESS:** 4315 S. Lafayette |Tel No: (219) 291-0661  
South Bend, Indiana 46614 |Nights: Chemtrec 800-424-9300

**PRODUCT NAME:** Modern Materials - Modern Pink, Shur Wax X-Hard, Shur Wax, Utility Wax, Boxing Wax, Yellow Bite Wax, Periphery, CoprWax, Yellow Check Bite Wafers, Bite Block Hard, Bite Block Soft, Red Baseplate, Orthodontic Tray Wax, Prepon, Thin -Ex, Lab Wax

**PRODUCT NO(S):** 93112, 93152, 93252, 93212, 93312, 93412, 93452, 93513, 93553, 93352, 95492, 95892, 95592, 95992, 93712, 94193, 94293, 94191, 94291, 94493, 94593, 94491, 94591, 94693, 94793, 95094, 95194, 93614, 93654, 92178, 92189, 94850, 91164

**Synonyms:** Paraffin Wax & Natural Occurring Wax

## II. HAZARDOUS INGREDIENTS OF MIXTURES

MATERIAL:	CAS #	HAZARD	% By Wt.	TLV	PEL
None					

## III. PHYSICAL DATA (NA = Not Applicable)

Vapor Pressure, mm Hg: None	Vapor Density (Air =1): None
Evaporation Rate (ether = 1): None	% Volatile by Volume: None
Solubility in H <sub>2</sub> O: None	pH: 7.4 (10% Solution)
Boiling Point: NA	Appearance: Wax of various colors and shapes
Specific Gravity (H <sub>2</sub> O = 1): 0.90	Odor: Odorless or slight spearmint flavor

## IV. FIRE AND EXPLOSION

**Flash Point:** 400°F Min. COC |**Flammable Limits:** Not available

**Extinguishing Media:** Foam, dry chemical, water, CO<sub>2</sub>, sand.

**Special Fire Fighting Procedures:** Do not use water. Self contained breathing apparatus to protect against smoke inhalation.

**Unusual Fire and Explosion Hazards:** None

## V. REACTIVITY DATA

**Stability:** Unstable [ ] | Conditions to Avoid: None  
Stable [X]

**Incompatibility (Materials to Avoid):** None

**Hazardous Decomposition Products:** None

**Hazardous Polymerization:** May Occur [ ] | Conditions to Avoid: High Temperatures  
Will Not Occur [X]

## MODERN MATERIALS WAX PRODUCTS

**VI. HEALTH HAZARDS**

**OSHA Permissible Exposure Limit:** None  
**ACGIH Threshold Exposure Limit:** 2mg/m<sup>3</sup> for paraffin wax fumes  
**Other Exposure Limit Used:** None  
**A. Acute Overexposure:** None  
**B. Chronic, Other:** None  
**Medical conditions generally aggravated by exposure:** None  
**Hygienic Practices:** None  
**Primary Route(s) of Exposure:** Skin contact  
**Chemical Listed As Carcinogen or Potential Carcinogen:** Not listed

**VII. EMERGENCY AND FIRST AID PROCEDURES**

**Skin:** If molten wax contacts skin treat as a minor burn.  
**Ingestion:** Consult a physician.

**VIII. SPILL OR LEAK PROCEDURES**

**Spill Management:** NA

**Waste Disposal Methods:** This material can be disposed of as normal solid waste.

**IX. PROTECTION INFORMATION / CONTROL MEASURES**

**Respiratory:** None required  
**Eye Protection:** None required  
**Glove:** None required

**Other Clothing and Equipment:** None

**Ventilation:** None

**X. SPECIAL PRECAUTIONS**

**Precautions to be taken in Handling and Storing:** Store in cool temperature

CoprWax contains copper which is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40CFR 372.

**XI - ADDITIONAL INFORMATION**

When heating wax, paraffin wax fumes may be present. TWA 2mg/m<sup>3</sup>

Reviewed: June 8, 2000

Supersedes MSDS Dated: November 24, 1997

The opinions expressed herein are those of qualified individuals within Heraeus Kulzer, Inc. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Heraeus Kulzer Inc., it is the user's obligation to determine the conditions of safe use of the product.

W9 PTY LTD  
A.B.N. 82 001 747 271  
Unit 1, 27-29 Salisbury Rd  
Hornsby NSW 2077 AUSTRALIA

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## NATIONAL POISONS INFORMATION 13 11 26

MSDS NO. M002

# MATERIAL SAFETY DATA SHEET

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**Tel No: (574) 291-0661**  
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Yellow Bite Wax, Periphery, CoprWax, Yellow Check Bite Wafers, Bite Block Hard, Bite Block Soft, Red  
Baseplate, Orthodontic Tray Wax, Prepon, Thin-Ex, Lab Wax

**PRODUCT NO(S):** 93112, 93152, 93252, 93212, 93312, 93412, 93452, 93513, 93553, 93352, 95492,  
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95094, 95194, 93614, 93654, 92178, 92189, 94850, 91164

**Synonyms:** Paraffin Wax & Natural Occurring Wax

## II - HAZARDOUS INGREDIENTS OF MIXTURES

MATERIAL:	CAS#	HAZARD	TLV	PEL
None				

## III - PHYSICAL DATA (ND = Not Determined)

<b>Vapor Pressure, mm Hg:</b> None	<b> Vapor Density (Air =1):</b> None
<b>Evaporation Rate (ether=1):</b> None	<b> % Volatile by volume:</b> None
<b>Solubility in H<sub>2</sub>O:</b> None	<b> pH:</b> 7.4 (10% Solution)
<b>Boiling Point:</b> NA	<b> Appearance:</b> Wax of various colors and shapes
<b>Specific Gravity (H<sub>2</sub>O=1):</b> 0.90	<b> Odor:</b> Odorless or slight spearmint flavor

## IV - FIRE AND EXPLOSION

**Flash Point:** 400°F Min. COC | **Flammable Limits:** Not available

**Extinguishing Media:** Foam, dry chemical, water, CO<sub>2</sub>, sand.

**Special Fire Fighting Procedures:** Do not use water. Self contained breathing apparatus to protect against smoke inhalation.

**Unusual Fire and Explosion Hazards:** None.

## V - REACTIVITY DATA

**Stability:** Unstable [ ]      Conditions to avoid: Contact with strong acids.  
Stable [X]

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**NATIONAL POISONS INFORMATION 13 11 26**

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**Incompatibility** (Materials to Avoid): None

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**Hazardous Polymerization:** May Occur [ ]      Conditions to avoid: None  
Will Not Occur [X]

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M002

**MODERN MATERIALS WAX PRODUCTS**

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**VI. HEALTH HAZARDS**

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**OSHA Permissible Exposure Limit:** None  
**ACGIH Threshold Exposure Limit:** 2 mg/m<sup>3</sup> for paraffin wax fumes  
**Other Exposure Limit Used:** None  
**A. Acute Overexposure:** None  
**B. Chronic, Other:** None  
**Medical conditions generally aggravated by exposure:** None  
**Hygienic Practices:** None  
**Primary Route(s) of Exposure:** Skin contact.  
**Chemical Listed As Carcinogen or potential carcinogen:** Not listed

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**VII - EMERGENCY AND FIRST AID PROCEDURES**

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**Skin:** If molten wax contacts skin treat as minor burn.  
**Ingestion:** Consult a physician.

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**VIII - SPILL OR LEAK PROCEDURES**

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**Spill Management:** NA

**Waste Disposal Methods:** This material can be disposed of as normal solid waste.

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**IX - PROTECTION INFORMATION/CONTROL MEASURES**

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**Respiratory:** None required  
**Eye Protection:** None required  
**Gloves:** None required

**Other Clothing and Equipment:** None

**Ventilation:** None

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### **XI - ADDITIONAL INFORMATION**

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When heating wax, paraffin wax fumes may be present. TWA 2 mg/m<sup>3</sup>

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Date: June 8, 2000

Supersedes MSDS Dated: November 24, 1997

The opinions expressed herein are those of qualified individuals within Heraeus Kulzer, Inc. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Heraeus Kulzer, Inc., it is the user's obligation to determine the conditions of safe use of the product.

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