

## **SAFETY DATA SHEETS**

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

075350459

**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).**

071117910 074417135 078915899

# Material Safety Data Sheet **BASEPLATE WAX/SET-UP WAX** Page 1 of 5

## Section 1 – Identification

**Product Name:** BASEPLATE WAX/SET-UP WAX      **Manufacturer:** KEYSTONE INDUSTRIES  
616 Hollywood Ave.  
Cherry Hill, NJ 08002

**Chemical Name:** Petroleum Wax Blend      **Emergency Phone Numbers:** ( 800 ) 535-5053  
**Information Contacts:** ( 856 ) 663-4700

**Family:** WAX

**Product Use:** Dental Wax

**Product #:** 1880155, 1880170, 1880175

## Section 2 – Hazards Identification

No hazardous ingredients

### Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry

**Eye:** Fumes from molten product may cause irritation. Contact with molten product may cause severe thermal burns.

**Skin:** Contact with molten wax may cause severe thermal burns.

**Ingestion:** Low order of acute systematic toxicity.

**Inhalation:** Product dust may cause respiratory tract irritation. Molten wax may cause irritation to the respiratory tract.

Sub-Chronic Effects

NOTE: Refer to Section 11, Toxicological Information for Details

## Section 3 – Composition/Information on Ingredients

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure	Limits	Carcinogen	%
				OSHA TWA-STEL	ACGIH TWA-STEL		

This product contains no hazardous materials as defined by the OSHA Hazard Communication Standard, CFR Title 29 1910.1200.

N.E. None Established      N.D.A. No Data Available  
N.R. Not Reviewed      N.A. Not Applicable

## Section 4 – First Aid Measures

**First Aid for Eye:** Ambient wax – flush wax particles with tepid water. Hot wax – seek medical attention.

**First Aid for Skin:** Ambient wax – wash with soap and water. Molten wax – cool wax immediately – do not remove wax from skin. Seek medical attention.

**First Aid for Inhalation:** When fume or mist occurs remove to fresh air. If person is not breathing provide oxygen or artificial respiration. Seek medical attention.

**First Aid for Ingestion:** Small quantities – permit to pass through system. Large quantities – seek medical attention.

## Section 5 - Fire Fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
505 F (263 C) COC	LEL: N/A UEL: N/A	N/A

### Method:

**Extinguishing Media:** Use water fog, foam, dry chemical or CO<sub>2</sub>. Foam. Do not use a direct stream of water. Product will float and can be reignited on surface of water.

**Fire Fighting Instructions:** Minimize vapor exposure. Use self-containing breathing respirator for confined spaces on high concentrations. Use water spray to cool containers or disperse vapor.

**Unusual Hazards:** None

**Material Safety Data Sheet BASEPLATE WAX/SET-UP WAX** Page 2 of 5

**Section 6 - Accidental Release Measures**

Spill or Release Procedures May burn although not readily ignitable. Use cautious judgment when cleaning up large molten spills.  
**LARGE MOLTEN SPILLS:** Wear respirator and protective clothing as appropriate. Shut off source of leak if safe to do so. Dike and contain. Allow wax to cool and remove as a solid.  
**SMALL MOLTEN SPILL:** Allow wax to cool and remove as a solid.

**Section 7 - Handling and Storage**

Handling Avoid contact in molten state  
Storage Store away from heat  
Explosion Hazard None

**Section 8 - Exposure Controls / Personal Protection**

Engineering Controls Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination. Do not let molten product stand unused in melt tanks and injection machines. Stir molten product at all times.

**Personal Protective Equipment**

Eye/ Face Protection Splash goggles or face shield to protect from molten wax  
Skin Protection Insulated gloves to protect from molten wax  
Respiratory Protection None required under normal use  
Other Apron or lab coat to protect from molten wax

**Section 9 - Physical and Chemical Properties**

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Wax solid	Pleasant natural odor	N/A	0.91	N/DA	<1%

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log P <sub>ow</sub>	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
N/DA 162°F (72°C)	N/A	N/A	N/A	N/DA	N/A	N/A	Insoluble

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
505 F (263 C) CC	LEL: N/A UEL: N/A	N/DA

**Section 10 - Stability and Reactivity**

<b>Stability:</b> Stable	<b>Incompatibility (Materials to Avoid):</b> Strong oxidants
<b>Hazardous Decomposition Products:</b> Partial burning produces fumes, smoke and carbon monoxide	<b>Hazardous Polymerization:</b> Will not occur
<b>Conditions to Avoid:</b> (Stability): Extreme heat (300°F (149°C) max) (Polymerization): None	

**Section 11 - Toxicological Information**

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin	Irritation - Eye
No information available	No information available	No information available	No information available	No information available
Sensitization		Mutagenicity		Sub-chronic Toxicity
N DA		N DA		N DA

**Material Safety Data Sheet BASEPLATE WAX/SET-UP WAX** Page 3 of 5

**Section 12 - Ecological Information**
**Ecotoxicological Information**

Acute Toxicity To Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
No information available	No information available	No information available	No information available	No information available

**Chemical Fate Information**

Biodegradability	No information available
Chemical Oxygen Demand	No information available

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated. Do not allow to enter drinking water supplies, wastewater, or soil.

**Section 13 - Disposal Considerations**

Dispose of in accordance with state, local and federal regulations.

**Section 14 - Transport Information**

<b>DOT (49 CFR 172)</b>	
Proper Shipping Name:	Non-Regulated Material
Identification Number:	N/A
Marine Pollutant:	No
Special Provisions:	N/A
<b>Emergency Response Guidebook (ERG) #:</b>	N/A
<b>IATA (DGR):</b>	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Packaging Instructions:	
<b>Emergency Response Guidance (ICAO)#:</b>	
<b>IMO (IMDG):</b>	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Special Provisions & Stowage/Segregation:	None
<b>Emergency Schedule (EmS)#:</b>	
<b>Other Information:</b>	

**Section 15 - Regulatory Information**
**US Federal Regulations**

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAPs): <ul style="list-style-type: none"> <li>NONE</li> </ul> There are no ODS's (ozone depleting substances) as defined by the U. S. Clean Air Act.
Clean Water Act: Priority Pollutant/Hazardous Substance	This product contains the following chemicals listed under the U. S. Clean Water Act Priority Pollutant and Hazardous Substance List: <ul style="list-style-type: none"> <li>NONE</li> </ul>
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and/or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is not considered to be hazardous under the OSHA Hazard Communication Standard.
RCRA	This product contains chemicals considered to be hazardous waste under RCRA (40 CFR 261): <ul style="list-style-type: none"> <li>NONE</li> </ul>
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Section 302 as extremely hazardous substances.
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 302 as extremely hazardous chemicals for emergency release notification ("CERCLA" List):

Date of Issue: July 2002

**Material Safety Data Sheet BASEPLATE WAX/SET-UP WAX** Page 4 of 5

SARA Title III: Section 311-312:	This product is not considered to be hazardous under the OSHA Hazard Communication Standard and is not regulated under Section 311-312 (40 CFR 370).
SARA Title III: Section 313:	This product contains the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: <ul style="list-style-type: none"> <li>NONE</li> </ul>
TSCA Section 8(b): Inventory:	This product does not contain any chemicals listed on the TSCA.
TSCA Significant New Use Rule:	None of the chemicals in this material have a SNUR under TSCA.

**State Regulations**

CA Right-to-Know Law:	NONE
California No Significant Risk Level:	
MA Right-to-Know Law:	NONE
NJ Right-to-Know Law:	NONE
PA Right-to-Know Law:	NONE
FL Right-to-Know Law:	NONE
MN Right-to-Know Law:	NONE

**International Regulations**

CDSL: Canadian Inventory (on Canadian Transitional List)	
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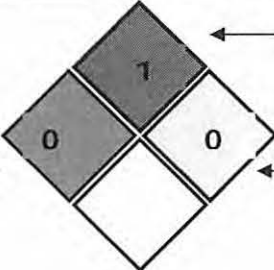
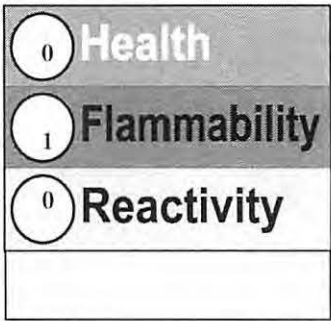
**Labeling according to EC directives – 1999/45/EC**

European Community:	<ul style="list-style-type: none"> <li>HAZARD SYMBOLS:</li> <li>RISK PHRASES:</li> <li>SAFETY PHRASES:</li> </ul>
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**Section 16 - Other Information**
**EU Classes and Risk / Safety Phrases for Referenced Ingredients (See Section 2):**

Hazard Symbol:	
Risk Phrases:	
Safety Phrases:	

**Hazard Rating System (Pictograms)**

NFPA:		HMIS:	
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MSDS Prepared by:	SWR/JRR
Revision History:	04/21/09 Updated to 16 part format

**Material Safety Data Sheet BASEPLATE WAX/SET-UP WAX** Page 5 of 5

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# Material Safety Data Sheet **BASEPLATE WAX/SET-UP WAX** Page 1 of 5

## Section 1 – Identification

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 Cherry Hill, NJ 08002

**Chemical Name:** Petroleum Wax Blend      **Emergency Phone Numbers:** ( 800 ) 535-5053  
**Information Contacts:** ( 856 ) 663-4700

**Family:** WAX  
**Product Use:** Dental Wax  
**Product #:** 1880155, 1880170, 1880175

## Section 2 – Hazards Identification

No hazardous ingredients

### Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry

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**Skin:** Contact with molten wax may cause severe thermal burns.

**Ingestion:** Low order of acute systematic toxicity.

**Inhalation:** Product dust may cause respiratory tract irritation. Molten wax may cause irritation to the respiratory tract.

Sub-Chronic Effects

NOTE: Refer to Section 11, Toxicological Information for Details

## Section 3 – Composition/Information on Ingredients

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure	Limits	Carcinogen	%
				OSHA TWA/STEL	ACGIH TWA/STEL		
This product contains no hazardous materials as defined by the OSHA Hazard Communication Standard, CFR Title 29 1910.1200.							
N/E – None Established	N/DA – No Data Available						
N/R – Not Reviewed	N/A – Not Applicable						

## Section 4 – First Aid Measures

**First Aid for Eye:** Ambient wax – flush wax particles with tepid water. Hot wax – seek medical attention.

**First Aid for Skin:** Ambient wax – wash with soap and water. Molten wax – cool wax immediately – do not remove wax from skin. Seek medical attention.

**First Aid for Inhalation:** When fume or mist occurs remove to fresh air. If person is not breathing provide oxygen or artificial respiration. Seek medical attention.

**First Aid for Ingestion:** Small quantities – permit to pass through system. Large quantities – seek medical attention.

## Section 5 - Fire Fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
505°F (263°C) COC	LEL: N/A UEL: N/A	N/DA

### Method:

**Extinguishing Media:** Use water fog, foam, dry chemical or CO<sub>2</sub>, Foam. Do not use a direct stream of water. Product will float and can be reignited on surface of water.

**Fire Fighting Instructions:** Minimize vapor exposure. Use self-containing breathing respirator for confined spaces on high concentrations. Use water spray to cool containers or disperse vapor.

**Unusual Hazards:** None

# Material Safety Data Sheet BASEPLATE WAX/SET-UP WAX Page 2 of 5

## Section 6 - Accidental Release Measures

Spill or Release Procedures May burn although not readily ignitable. Use cautious judgment when cleaning up large molten spills.  
**LARGE MOLTEN SPILLS:** Wear respirator and protective clothing as appropriate. Shut off source of leak if safe to do so. Dike and contain. Allow wax to cool and remove as a solid.  
**SMALL MOLTEN SPILL:** Allow wax to cool and remove as a solid.

## Section 7 - Handling and Storage

Handling Avoid contact in molten state  
Storage Store away from heat  
Explosion Hazard None

## Section 8 - Exposure Controls / Personal Protection

Engineering Controls Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination. Do not let molten product stand unused in melt tanks and injection machines. Stir molten product at all times.

### Personal Protective Equipment

Eye/ Face Protection Splash goggles or face shield to protect from molten wax  
Skin Protection Insulated gloves to protect from molten wax  
Respiratory Protection None required under normal use  
Other Apron or lab coat to protect from molten wax

## Section 9 - Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Wax solid	Pleasant natural odor	N/A	0.91	N/DA	<1%

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
N/DA 162°F (72°C)	N/A	N/A	N/A	N/DA	N/A	N/A	Insoluble

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
505°F (263°C) COC	LEL: N/A UEL: N/A	N/DA

## Section 10 - Stability and Reactivity

<b>Stability:</b> Stable <b>Hazardous Decomposition Products:</b> Partial burning produces fumes, smoke and carbon monoxide <b>Conditions to Avoid:</b> (Stability): Extreme heat (300°F (149°C) max) (Polymerization): None	<b>Incompatibility (Materials to Avoid):</b> Strong oxidants <b>Hazardous Polymerization:</b> Will not occur
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## Section 11 - Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin	Irritation - Eye
No information available	No information available	No information available	No information available	No information available
Sensitization		Mutagenicity		Sub-chronic Toxicity
N/DA		N/DA		N/DA



# Material Safety Data Sheet **BASEPLATE WAX/SET-UP WAX** Page 3 of 5

## Section 12 - Ecological Information

### Ecotoxicological Information

Acute Toxicity To Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
No information available	No information available	No information available	No information available	No information available

### Chemical Fate Information

Biodegradability	No information available
Chemical Oxygen Demand	No information available

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated. Do not allow to enter drinking water supplies, wastewater, or soil.

## Section 13 - Disposal Considerations

Dispose of in accordance with state, local and federal regulations.

## Section 14 - Transport Information

<b>DOT (49 CFR 172)</b>	
Proper Shipping Name:	Non-Regulated Material
Identification Number:	N/A
Marine Pollutant:	No
Special Provisions:	N/A
<b>Emergency Response Guidebook (ERG) #:</b>	N/A
<b>IATA (DGR):</b>	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Packaging Instructions:	
<b>Emergency Response Guidance (ICAO)#:</b>	
<b>IMO (IMDG):</b>	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Special Provisions & Stowage/Segregation:	None
<b>Emergency Schedule (EmS)#:</b>	
<b>Other Information:</b>	

## Section 15 - Regulatory Information

### US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAPs): <ul style="list-style-type: none"> <li>NONE</li> </ul> There are no ODS's (ozone depleting substances) as defined by the U. S. Clean Air Act.
Clean Water Act: Priority Pollutant/Hazardous Substance	This product contains the following chemicals listed under the U. S. Clean Water Act Priority Pollutant and Hazardous Substance List: <ul style="list-style-type: none"> <li>NONE</li> </ul>
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and/or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is not considered to be hazardous under the OSHA Hazard Communication Standard.
RCRA	This product contains chemicals considered to be hazardous waste under RCRA (40 CFR 261): <ul style="list-style-type: none"> <li>NONE</li> </ul>
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Section 302 as extremely hazardous substances.
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 302 as extremely hazardous chemicals for emergency release notification ("CERCLA" List):

# Material Safety Data Sheet **BASEPLATE WAX/SET-UP WAX** Page 4 of 5

SARA Title III: Section 311-312:	This product is not considered to be hazardous under the OSHA Hazard Communication Standard and is not regulated under Section 311-312 (40 CFR 370 ).
SARA Title III: Section 313:	This product contains the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: <ul style="list-style-type: none"> <li>• NONE</li> </ul>
TSCA Section 8(b): Inventory:	This product does not contain any chemicals listed on the TSCA.
TSCA Significant New Use Rule:	None of the chemicals in this material have a SNUR under TSCA.

### State Regulations

CA Right-to-Know Law: California No Significant Risk Level:	NONE
MA Right-to-Know Law:	NONE
NJ Right-to-Know Law:	NONE
PA Right-to-Know Law:	NONE
FL Right-to-Know Law:	NONE
MN Right-to-Know Law:	NONE

### International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	
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### Labeling according to EC directives – 1999/45/EC

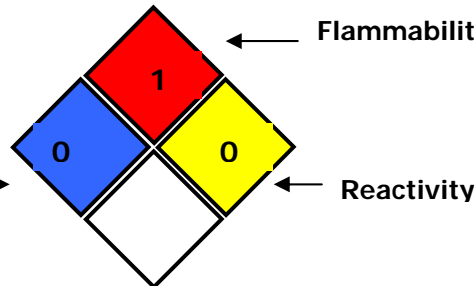
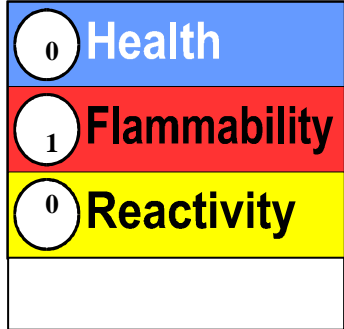
European Community:	<ul style="list-style-type: none"> <li>• HAZARD SYMBOLS:</li> <li>• RISK PHRASES:</li> <li>• SAFETY PHRASES:</li> </ul>
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### Section 16 - Other Information

#### EU Classes and Risk / Safety Phrases for Referenced Ingredients (See Section 2):

Hazard Symbol:	
Risk Phrases:	
Safety Phrases:	

### Hazard Rating System (Pictograms)

<p>NFPA:</p> 	<p>HMIS:</p> 
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MSDS Prepared by:	SWR/JRR
Revision History:	04/21/09 Updated to 16 part format

**Material Safety Data Sheet BASEPLATE WAX/SET-UP WAX** Page 5 of 5

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