

# MSDS Material Safety Data Sheet

**Blended Waxes, Inc.**



BW-2270

MSDS Number: 046

Revision Date: 4/1/09

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## 1 PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Blended Waxes, Inc.  
1512 S. Main Street  
P.O. Box 3044  
Oshkosh, WI 54902

**Contact:** Lab  
**Telephone Number:** (920) 236-8080  
**FAX Number:** (920) 236-8081  
**E-Mail:** NA  
**Web** www.blendedwaxes.com

**Product Name:** BW-2270  
**Revision Date:** 4/1/09  
**MSDS Number:** 046  
**Product Use:** This wax is used for investment casting.

## 2 HAZARDS IDENTIFICATION

**Route of Entry:** Mouth, Nose, Skin  
**Target Organs:** NA  
**Inhalation:** Yes  
**Skin Contact:** Yes  
**Eye Contact:** NA  
**Ingestion:** No

NFPA-ratings (scale 0-4): Health = 1, Fire = 1, Reactivity = 0

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name
0		Aliphatic Hydrocarbons
8002742		Paraffin wax fume
63231607		Paraffin waxes and Hydrocarbon waxes, microcryst.
100210		Terephthalic acid

## 4 FIRST AID MEASURES

**Inhalation:** Mild respiratory irritation or discomfort. Move affected person to fresh air.  
**Skin Contact:** Flush with cold water, seek medical attention.  
**Eye Contact:** Yes, when product is molten  
**Ingestion:** NA

## 5 FIRE FIGHTING MEASURES

**Flash Point:** 415 F  
**Flash Point Method:** C.O.C.  
**LEL:** NA  
**UEL:** NA

Dry chemical, CO2, foam or water fog. Treat as an oil fire, do not use direct stream of water.

## 6 ACCIDENTAL RELEASE MEASURES

Dike or contain molten material. Allow material to solidify, then scrape up solid material. Handle as solid waste clean up. Clean up solid spills to prevent slippery surface conditions.

## 7 HANDLING AND STORAGE

**Handling Precautions:** NA  
**Storage Requirements:** Store in cool, dry area away from heat or direct sunlight.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:**  
**Protective Equipment:** HMIS PP, B | Goggles, Gloves  
**Exposure Guidelines/Other:** Provide adequate ventilation to prevent build up of fumes.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Yellow, Waxy	<b>Boiling Point:</b>	NA
<b>Physical State:</b>	Solid	<b>Freezing/Melting Pt.:</b>	135 - 147 F
<b>Odor:</b>	Little or no odor	<b>Solubility:</b>	Nil <0.1%
<b>pH:</b>	NA	<b>Spec Grav./Density:</b>	<.84
<b>Vapor Pressure:</b>	<0.1		
<b>Vapor Density:</b>	NA		

## 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	Avoid heating above 300 F to prevent build up of fumes.
<b>Materials to avoid (incompatibility):</b>	Strong oxidizing agents
<b>Hazardous Decomposition products:</b>	CO, CO2 and unidentified organic compounds are byproducts of combustion.
<b>Hazardous Polymerization:</b>	Will not occur.

## 11 TOXICOLOGICAL INFORMATION

## 12 ECOLOGICAL INFORMATION

## 13 DISPOSAL CONSIDERATIONS

Incineration or burial in accordance with local, state and federal regulations.

## 14 TRANSPORT INFORMATION

## 15 REGULATORY INFORMATION

### COMPONENT / (CAS/PERC) / CODES

\*Paraffin wax fume (8002742 n/a%) MASS, OSHAWAC, PA, TXAIR

\*Terephthalic acid (100210 n/a%) HAP, MASS, PA

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### REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

HAP = Hazardous Air Pollutants

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**OTHER INFORMATION**

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**END OF MSDS DOCUMENT**