



MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SPRING WAX[®]

INJECTION WAX

Jade Green, Green, Pink, Royal Blue, Deep Blue, Light Blue, Aqua Green, Dark Blue, Turquoise Blue, Magenta & Other Colors

Manufacturer: Paramitt International Co., Ltd.
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SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name and Synonyms: Investment Casting Wax
Chemical Family: Petroleum waxes and Synthetic resin Blend
Components: Chemical Name & Common Names
 (Hazardous Components 1% or greater, Carcinogens 0.1% or greater)
Hazardous Ingredients: 0%

SECTION 3 – HAZARDS IDENTIFICATION

This product is not a hazardous chemical as defined by OSHA Hazard Communication Standard CFR Title 29.1910.1200. Exact composition is a trade secret as defined by Standard 1910.1200.

Non-Hazardous Ingredients: Waxes (petroleum & vegetable) Synthetic resins 100%

HEALTH HAZARD DATA

EYE CONTACT: Molten wax fumes may be slightly irritating to the eyes
SKIN CONTACT: Molten wax will cause burns on contact with skin
INHALATION: Molten wax fumes may cause mild (upper) respiratory irritations

SECTION 3 – HAZARDS IDENTIFICATION

INGESTION:	No specific information identified
SIGNS AND SYMPTOMS OF EXPOSURES:	Irritations as noted above
OTHER MEDICAL EFFECTS:	None Known

SECTION 4 - FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

Eye Contact:	Flush eyes with water for 15 minutes. Seek medical attention.
Skin Contact:	If hot wax strikes skin, drench or immerses the area in cold water to assist cooling. Do not try to remove wax from burn. Seek medical attention. If solid wax contacts skin, wash with soapy water.
Inhalation:	Remove victim to fresh air. Seek medical attention.
Ingestion:	Consult medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

Flash Point and Method Used:	420° F (C.O.C.)
Extinguished Media:	Foam, CO ₂ and Dry Chemical
Unusual Fire and Explosion Hazards:	Minimize breathing wax fumes
Special Fire Fighting Procedures:	Do not use water unless as a fog

SECTION 6 – ACCIDENTAL RELEASE MEASURES

If spill or release: If hot liquid, attempt to confine spill and let the wax solidify

SECTION 7 - HANDLING AND STORAGE

Precautions to be taken in Handling and Storage:	Avoid skin contact with hot material. Minimize breathing wax fumes
Other Precautions and/or Special Hazards:	Store away from heat, flame and direct sunlight

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory Protection (Specify Type):	None should be needed but for fumes.
Ventilation:	Local exhaust: Fan for fumes if needed.
Special Local Exhaust:	None needed.
Mechanical Ventilation:	Fan for fumes with velocity > 60 CFM.
Other Ventilation:	None needed.
Protective Gloves:	Recommended around molten material.
Eye Protection:	Recommended around molten material.
Other Protective Equipment:	As seen fit.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	68 – 70°C
Vapor Pressure (mm Hg and Temperature):	N/A
Vapor Density (Air = 1):	N/A
Evaporation Rate (-----= 1):	N/A
Solubility in Water:	Insoluble
Specific Gravity (H₂O = 1):	0.92 to 0.98
Appearance and Odor:	Pellets & slight odor

SECTION 10 – STABILITY AND REACTIVITY

Stability:	Stable
Conditions To Avoid:	Direct contact with open flame
Incompatibility (Materials to Avoid):	Strong oxidizing agents
Hazardous Decomposition Product:	Primarily CO and CO ₂ on combustion
HAZARDOUS POLYMERIZATION:	Will Not Occur
Conditions to Avoid:	None Known

SECTION 11 – TOXICOLOGICAL INFORMATION

Non-toxic in normal conditions of use

SECTION 12 – ECOLOGICAL INFORMATION

Not soluble in water

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations

SECTION 14 – TRANSPORT INFORMATION

DOT Transportation Data (49 CFR 172.101):

Shipping Name: Not Regulated	Packaging Authorization	Quantity Limitations
Shipping Symbols:	a) Exceptions:	a) Passenger, Aircraft, or Railcar:
Hazard Class:	b) Non-bulk Packaging:	b) Cargo Aircraft Only:
ID No.:	c) Bulk Packaging:	Vessel Stowage Requirements
Label:		a) Vessel Stowage:
Packing Group:		b) Other:

SECTION 15 – REGULATORY INFORMATION
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EU Supply Labelling:	This product is not classified according to the EU regulations
R-Phases:	None
S-Phases:	None Not applicable

SECTION 16 – OTHER INFORMATION

Abbreviations and acronyms:	Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations
References:	HCS (U.S.A.)- Hazard Communication Standard International transport regulations

PARAMITT INTERNATIONAL SPECIAL WAX BLENDED DISCLAIMER

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