

Material Safety Data Sheet

Section 1 - Material Identification

Material/Trade name	Premiere Bronze	Revision Date
		02/07/2002
Synonyms	"Investment Casting Wax"	
Chemical Family/Formula	NA	
Cas Number	NA	

MATERIAL MANUFACTURER:

REMETS® CORPORATION
 210 Commons Road
 Utica, NY 13502 U.S.A.
 315-797-8700
 315-797-4848 (FAX)

EMERGENCY TELEPHONE:

CHEMTREC: 800-424-9300

Section 2 - Hazardous Ingredients

Composition	*Any Material classified as a SARA Section 313 chemical will be identified with an asterisk
None as defined under the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200)	

CAS	Wt %	TLV

Section 3 - Physical Data

Softening Point ,Ring and Ball	150 - 165 °F	Volatiles, % by Volume	NA
Specific Gravity, H ₂ O,=1	.95	Solubility in H ₂ O, % by Volume	<1%
Vapor Pressure, mm/Hg	NA	Evaporation Rate, Butyl Acetate = 1	NA
Vapor Density, Air=1	NA	Appearance	Solid, Brown
Odor	Mild waxy odor		

Section 4 - Fire and Explosion Data

Flash Point C.O.C.	450°F	Auto Ignition Temperature	NA	Lower Flash Limit	NA	Upper Flash Limit	NA
Extinguishing Media- Extinguish with dry chemical foam or water spray							
Special Fire Fighting Procedures- Use water spray to cool fire exposed surfaces and to protect personnel. Large amounts of smoke and heat will be generated in fire, SCBA recommended for fire fighting activities.							
Unusual Fire and Explosion Hazards- When material is in a fine granular or dust condition a dust explosion condition exists. Keep away from high heat, open flame, open electrical, or static electric discharge conditions , when material exists in dust state.							

Section 5 - Reactivity Data

Stability - Stable	Hazardous Decomposition Products
Hazardous Polymerization - Will not occur	Fumes and smoke at temperatures above 212°F.
Conditions and Materials to Avoid - Temperatures over 212°F Strong oxidizing agents	Flammable olefins at temperatures above 437°F.

**SECTION 6
OCCUPATIONAL EXPOSURE LIMITS**

Threshold Limit Value - none established

Mists / Fumes - OSHA / ACGIH recommends 2 mg/m³ (8 hour TWA) for paraffin wax fumes.

**SECTION 7
HEALTH INFORMATION**

Inhalation Hazard - Negligible unless heated to a high temperature causing vapor or mist condition. Mist conditions can cause irritation of mucous membranes and cause pulmonary irritation, dizziness and nausea.

Eye Contact - Causes irritation or, in liquid form can cause heat burns. Rinse eyes with water for at least 15 minutes, seek medical attention if irritation continues.

Skin Contact - Prolonged or repeated exposure with skin can cause irritation of the hair follicles and block sebaceous glands causing rashes, acne and dermatitis.

Ingestion - Ingestion may irritate digestive tract but is generally not harmful unless in large quantities. No aspiration hazard exists as the material will be in solid form when ingested.

Other - Medical conditions aggravated by this product have not been determined.

**SECTION 8
EMERGENCY AND FIRST AID PROCEDURES**

Eye Contact - Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes.

Skin Contact - Wash exposed areas of the body with soap and water. If material is exposed to skin in a liquid form, immediately irrigate area with cool or cold water for at least 15 minutes to cool material and minimize burns.

**SECTION 9
EMPLOYEE PROTECTION**

Respiratory Protection - None required if proper ventilation maintained. Wear respirators acceptable for mists or particulates from hydrocarbons. Air supplied or self contained breathing apparatus for conditions above 250 mg/m³ is recommended.

Protective Clothing - Safety glasses, goggles, gloves, boots and protective clothing should be worn.

Other Protective Measures - If mixture has the potential to splash, splash goggles should be worn. Provide explosion proof ventilation where dust conditions exist.

Employees must practice good personal hygiene, washing exposed areas several times daily and laundering contaminated clothing before reuse.

**SECTION 10
ENVIRONMENTAL PROTECTION**

Spill Clean-up Procedures - Contain spill until mixture hardens.

Waste Disposal - Disposal of as in accordance with applicable local, state and federal laws.

Environmental Hazards - Limited by solid nature of the product.

**SECTION 11
SPECIAL PRECAUTIONS**

Skin Contact - Use barrier creams, gloves, boots and clothing to protect the skin from prolonged exposure to wax.

Particularly avoid exposure of skin and abraded areas of the skin to unhardened/hot wax.

Precautions must be observed because wax (heat) burns occur with little warning.

Eye Contact - Eye protection is not generally required except when use may result in splashing, in which case tight fitting splash proof goggles should be used.

**SECTION 12
TRANSPORTATION REQUIREMENTS**

DOT Shipping Name - NA

DOT I.D. No. - NA

**SECTION 13
OTHER REGULATORY CONTROLS**

**SECTION 14
DISCLAIMER**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of this company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness.

It is the users responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

Approved by: Jeffrey C. Niles