

**BRASS GLAZE & COPPER GLAZE
MATERIAL SAFETY DATA SHEET**

COM-IXSG7

This Material Safety Data Sheet is being provided to your company for the purpose of providing current health and safety information to your management and employees who work with this product. Please read the data provided and then provide it to those people at your company who have the responsibility to insure compliance with both FEDERAL and STATE Right to Know regulations, and to those employees that request information on this product.

Federal Regulations: Parts 29 and 42 Code of Federal Regulations

State of Illinois: Public Act 83-240

SECTION 1 - PRODUCT IDENTIFICATION

Manufacturer: Jelmar **Emergency Phone Number:** (847) 675-8400
Address: 5550 W. Touhy Ave. **Emergency Contact:** Chemtrec (800) 424-9300
 Skokie, IL 60077

Chemical Family: Aqueous metal polishing solutions
Formula: N/A
Hazard Classification: Non Hazardous Liquid
NFPA Rating System: Health-2/Flammability-0/Reactivity-0

SECTION 2 - HAZARDOUS COMPONENTS

This product is a mixture for which no health hazard data exist. The hazard communication standard requires that such mixtures be assumed to present the same health hazard as do the components that constitute at least 1% of the mixture (0.1% for carcinogens) although OSHA has noted that the hazards of the individual components may be altered by including them in a mixture.

Some ingredients of this mixture are also a mixture whose complete composition is a trade secret.

Components of this product that are listed as Hazardous Materials and/or present in quantities as defined in OSHA 29 CFR 1910.1200

Ingredient	CAS#	PEL/TLV	%
1. Calcined Kaolin Clay	66402-68-4	5mg/m3	23-25
2. Trisodium Phosphate	10101-89-0	NE	6-8
3. Octylphenol Ether	9036-19-4	NE	4-6
4. EVANGARD DTB	-----	NE	2-3*
5. Smectite clay	12199-37-0	NE	1-2
6. Citric acid	77-92-9	NE	1-2
7. Cocoamphodipropionate	68604-71-7	NE	1-2

*Composition is a trade secret

NE = Not Established

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372 (for SARA 313): NONE

CERCLA requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4. Components present in this product at a level which could require reporting under this statute are: NONE

SECTION 3 - PHYSICAL DATA

Boiling point: 212 F	Specific Gravity: 1.2
Vapor Pressure: Not Available	Percent Volatiles: None
Vapor Density: Not Available	Evaporation Rate: < 1 (n-butyl acetate=1)
Solubility in Water: Soluble	Appearance & Odor: Colored suspension, clean fresh fragrance

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SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point (Method): Not Applicable

Extinguishing Media: Water, carbon dioxide, dry chemical or foam, Class A, BC or ABC Fire extinguishers.

Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting fires.

Unusual Fire & Explosion Hazards: None known.

SECTION 5 - HEALTH HAZARD DATA

TLV: Not Established

EFFECTS OF OVEREXPOSURE:

Eyes: Can cause slight to moderate irritation.

Skin: No adverse effects expected during normal usage.

Inhalation: Not a significant route of exposure.

Ingestion: Not a significant route of exposure and no significant adverse effects expected.

EMERGENCY FIRST AID PROCEDURES:

Inhalation: Remove to fresh air.

Eye Contact: Flush eyes with water, get medical attention if irritation persists.

Ingestion: Administer lukewarm water (pint) - if large quantities ingested, DO NOT INDUCE VOMITING, call a physician.

Skin Contact: No treatment is necessary under ordinary circumstances.

Medical Conditions Aggravated by Exposure: None Expected.

SECTION 6 - REACTIVITY DATA

Stability: Stable

Incompatibility: Strong oxidizing agents and alkalies.

Hazardous Decomposition Products: Plastic containers when burned will emit carbon monoxide, carbon dioxide, aldehydes and other decomposition products.

Hazardous Polymerization: Will Not Occur

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: No special clean-up procedure is necessary for small (less than 1 gallon) spills. For larger spills, dam spill and absorb with earth, sand or similar material. Flush spill area with water.

Waste Disposal Method: Dispose solid waste in accordance with all local, state and federal regulations.

SECTION 8 - SPECIAL PROTECTION

Respiratory Protection: Not required during normal usage.

Ventilation: General room ventilation is normally adequate.

Protective Gloves: Not required during normal usage.

Eye Protection: Not required during normal usage.

Other Protective Equipment: None required.

SECTION 9 - SPECIAL PRECAUTIONS OR COMMENTS

Precautions to be Taken in Handling & Storing: Avoid exposure to excessive heat and prevent from freezing.

Other Precautions: None required.

OTHER REGULATORY REQUIREMENTS

TSCA Inventory Status: NA

California Prop. 65: NA

Revision Date: November 2000

Prepared by: F. J. Goldberg

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