

# MATERIAL SAFETY DATA SHEET

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## Section 1. Chemical Product and Company Identification

Product Code UT-5	
Product Name UT FINA MET	
Manufacturer's Name Mark V Laboratory, Inc.	Emergency Telephone Number CHEMTREC 800-424-9300
Address (Number, Street, City, State, and ZIP Code) 18 Kripes Road	Telephone Number For Information (860) 653-7201
Post Office Box 540	Date Prepared January 1, 2012
East Granby, Connecticut 06026	Signature of Preparer (optional)

## Section 2. Composition / Information on Ingredients

Component	CAS Registry #	wt. %	Exposure Limits	
			ACGIH TLV	OSHA PEL
Phenol*	108-95-2	<1.5	5ppm	5ppm
Aluminum Silicate (respirable nuisance dust)	1332-58-7	<20	5 mg/m3	5 mg/m3
Calcium Silicate (respirable nuisance dust)	13983-17-0	<30	10 mg/m3	5 mg/m3
Glass Fiber (respirable nuisance dust)	65997-17-3	<50	10 mg/m3	5 mg/m3
Carbon Black*	1333-86-4	<0.5	3.5 mg/m3	3.5 mg/m3
Hexamethylenetetramine	100-97-0	<6	15 mg/m3	10 mg/m3
Phenolic Resin	9003-35-4	<40	NE	NE

## Section 3. Hazards Identification

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### EMERGENCY OVERVIEW

EFFECTS of OVEREXPOSURE: \*Phenol, formaldehyde, and ammonia vapors may be released during molding processes. Overexposure to these vapors may cause irritation to eyes, nose, throat and skin. Sensitized individuals may experience allergic skin reactions. Exposure to dust from machining operations may cause nose and throat irritation. The glass fiber and mineral filler components are considered a mechanical irritants and nuisance dust.

\*IARC has listed carbon black as a class 2B possible human carcinogen based on laboratory studies with animals.

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### POTENTIAL HEALTH EFFECTS:

**EYE CONTACT:** Dust and vapors may cause irritation.

**INHALATION:** Dust and vapors may cause irritation of the respiratory tract.

**SKIN CONTACT:** **May** cause irritation and/or allergic reactions in sensitized individuals.

**INGESTION:** None known.

**CHRONIC:** Yes.



Product: Fina Met

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**Section 9. Physical and chemical Properties**


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<b>APPEARANCE:</b>	Green colored granules	<b>PHYSICAL STATE:</b>	Solid
<b>BOILING POINT:</b>	N/A	<b>SOLUBILITY IN WATER:</b>	Negligible
<b>EVAPORATION RATE:</b>	N/A	<b>SPECIFIC GRAVITY:</b>	1.70 - 1.90g/cm <sup>3</sup>
<b>FREEZING POINT:</b>	NE	<b>VAPOR DENSITY:</b>	NA
<b>MELTING POINT:</b>	NE	<b>VAPOR PRESSURE:</b>	
<b>MOLECULAR WEIGHT:</b>		<b>VISCOSITY:</b>	
<b>ODOR:</b>	Mild & Characteristic	<b>% VOLATILE:</b>	
<b>pH:</b>	NA		

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**Section 10. Stability and Reactivity**


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**CHEMICAL STABILITY:** Stable.

**INCOMPATIBILITY:** High temperatures, strong oxidizing agents, strong acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:** May occur during fire or at very high temperatures. May include: phenol, formaldehyde, ammonia, carbon monoxide, carbon dioxide, hydrogen cyanide, particulate matter and other organic compounds including benzo (a) pyrene.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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**Section 11. Toxicological Information**


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**CARCINOGENIC HAZARDS:** \*Carbon black is listed under California's Proposition 65 as a human carcinogen.

**REPRODUCTIVE HAZARDS:** None known.

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**Section 12. Ecological Information**


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Based on current information, there are no special regulations.

Product: Fina Met

**Section 13. Disposal Considerations**

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

**Section 14. Transport Information (Not meant to be all inclusive)**

**D.O.T. SHIPPING NAME:** NA  
**TECHNICAL SHIPPING NAME:** NA  
**D.O.T. HAZARD CLASS:** NA  
**U.N. / N.A. NUMBER:** NA  
**PRODUCT RQ (LBS):** 1000 LBS / 454 KG (PHENOL ONLY)  
**D.O.T. LABEL:** NA  
**D.O.T. PLACARD:** NA  
**FREIGHT CLASS BULK:** NA  
**FREIGHT CLASS PACKAGE:** NA  
**PRODUCT LABEL:** UT-5, 25,50

**Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)****OSHA STATUS:** Yes**TSCA STATUS:** Yes**CERCLA REPORTABLE QUANTITY:** 1000 LBS / 454 KG (PHENOL ONLY)**SARA TITLE III: \*\*RELEASE OF PHENOL ABOVE TPQ REQUIRES REPORTING\*\*****SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES:** 1000 LBS / 454 KG (PHENOL ONLY)**SECTION 311/312 HAZARDOUS CATEGORIES:** 1000 LBS / 454 KG (PHENOL ONLY)**\*\*RELEASE OF PHENOL AND CARBON BLACK MAY REQUIRE REPORTING DEPENDING ON AMOUNT OF COMPOUND USED\*\*****SECTION 313 TOXIC CHEMICALS:** 1000 LBS / 454 KG (PHENOL ONLY)**RCRA STATUS:** To be determined by user**CALIFORNIA PROPOSITION 65:** Yes**Section 16. Other Information****MSDS STATUS:**

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