Occupational Safety and Health Administration

OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Dm 6213

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SECTION I

MANUFACTURER'S NAME: ELLIS PAINT CO.	EMERGENCY TELEPHONE NO. (213)261-8114; (213)436-3225
ADDRESS (Number, Street, City, State, and ZIP Code): 3150 E. Pico Blvd., Los Angeles, CA 90023	
CHEMICAL NAME AND SYNONYMS: N/A	TRADE NAME AND SYNONYMS: 672 Red Oxide Primer
CHEMICAL FAMILY: N/A	FORMULA: N/A

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS		% wt	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS Total	49.1	%		BASE METAL		
CATALYST				ALLOYS		
VEHICLE	20.3	%		METALLIC COATINGS		
SOLVENTS	29.6	%		FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES	1.0	%		OTHERS		
OTHERS						

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES		%	TLV (Units)
VM&P	9.25		400
Mineral Spirits	20.35		200

Per conversation with Michael Berman, there is no hazardous material in the pigment; that there should be no problem if weld on material (RL 2/86)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	230-275	SPECIFIC GRAVITY (H_2O=1)	1.36
VAPOR PRESSURE (mm Hg.) @ 60°F	2	PERCENT, VOLATILE BY VOLUME (%)	53.5 %
VAPOR DENSITY (AIR=1)	4.1	EVAPORATION RATE (Bu Ac =1)	2.2
SOLUBILITY IN WATER	negligible		
APPEARANCE AND ODOR	Colored liquid with aromatic odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	60°F TCC	FLAMMABLE LIMITS	0.9 LEL / 6.0 UEL
EXTINGUISHING MEDIA	Foam, CO_2, Dry chemical		
SPECIAL FIRE FIGHTING PROCEDURES	Fight as volatile liquid fire. Avoid use of water.		
UNUSUAL FIRE AND EXPLOSION HAZARDS			

(Continued on reverse side)

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See section II

EFFECTS OF OVEREXPOSURE: Excessive prolonged inhalation may result in headaches, nausea and eye irritation.

EMERGENCY AND FIRST AID PROCEDURES: Eye contact: Flush with water. Skin contact: wash with mild soap and water and apply skin cream. Inhalation: Remove to fresh air and call physician; apply artificial respiration if necess

SECTION VI - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		
	STABLE	X	Exposure to spark, flames & high temperature

INCOMPATABILITY (Materials to avoid): Strong oxidizing materials

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and carbon dioxide

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Add solid absorbant, shovel or scoop into disposable closed containers. Wash and hose down area.

WASTE DISPOSAL METHOD: Incinerate under safe conditions or dispose in accordance with local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type): Recommend approved self-containa respiratory equ

VENTILATION	LOCAL EXHAUST	SPECIAL
	Adequate to reduce vapor concentration.	
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
Neoprene gloves	Safety goggles or glasses

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid flame and high temperature storage and localized build-up

OTHER PRECAUTIONS: Ground all equipment to reduce electrical sparking. Do not take internally. Avoid prolonged contact or inhalation.