

MATERIAL SAFETY DATA SHEET

NPVLA 6-70

(Approved by U.S. Department of Labor "Essentially Similar" to Form LSB-00S-4)

FORM 26

Section I

FACTURER'S NAME PFIZER INC. MINERALS, PIGMENTS & METALS DIVISION	
STREET ADDRESS 235 EAST 42 STREET	
CITY, STATE, AND ZIP NEW YORK, NEW YORK 10017	
EMERGENCY TELEPHONE NO 212/573-2816	
CHEMICAL NAME AND SYNONYMS METAL OXIDE SILICATE	TRADE NAME BURNT & RAW UMBERS # 7052
CHEMICAL FAMILY	FORMULA Fe2O3 H2O MnO2 CLAYS SiO2

Section II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS

PIGMENTS	%	TLV (Units)	SOLVENTS	%	TLV (Units)
CATALYST			ADDITIVES		
OTHERS			OTHERS		
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
			QUARTZ	15	5mppcf
			MnO2	15	5mg/M3
			Pb	.02	.2mg/M.
			As	.03	.5mg/M.

BOILING POINT (°F.)	N.A.	SPECIFIC GRAVITY (H ₂ O=1)	TRUE DENSITY	3.0-3.8
VAPOR PRESSURE (mm Hg.)	N.A.	PERCENT VOLATILE BY VOLUME (%)		N.A.
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE (=1)		N.A.
SOLUBILITY IN WATER	SLIGHT			
APPEARANCE AND ODOR	BROWN TO DARK BROWN POWDERS			
	NO ODOR			

Section IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	N.A.	FLAMMABLE LIMITS	N.A.	Let	Uel
EXTINGUISHING MEDIA	WATER				
SPECIAL FIRE FIGHTING PROCEDURES	NONE				

UNUSUAL FIRE AND EXPLOSION HAZARDS
RAPID OXIDATION OF MnO2 COULD CAUSE COMBUSTION WHEN IN CONTACT WITH OILY RAGS, ETC.

Section V - HEALTH HAZARD DATA

PERMITTED LIMIT VALUE: 1.7 mg/M3 (BASED UPON 15% QUARTZ)

EFFECTS OF OVEREXPOSURE: IRRITATION TO RESPIRATORY TRACT. PROLONGED EXPOSURE MAY LEAD TO PULMONARY INVOLVEMENT.

EMERGENCY AND FIRST AID PROCEDURES: WASH DUST FROM SKIN WITH WATER. FLUSH OUT EYES WITH WATER AND SEE A PHYSICIAN.

Section VI - REACTIVITY DATA

STABILITY	UNSTABLE	X	CONDITIONS TO AVOID: AVOID CONTACT WITH COMBUSTIBLE
	STABLE		MATERIALS (MnO2 OXIDATION CAN CAUSE COMBUSTION)

INCOMPATIBILITY (Materials to avoid): OILS, CELLULOSE PRODUCTS.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

Section VII - SPILL OR LEAK PROCEDURES

ACTIONS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: NORMAL CLEAN UP.

WASTE DISPOSAL METHOD: CAN BE RECLAIMED FOR USE OR REMOVED TO DUMP.

Section VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type): PROTECTIVE (FILTER) MASK MUST BE WORN.		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General): ADEQUATE VENTILATION TO KEEP DUST BELOW TLV	OTHER: VENT TO DUST COLLECTOR.
PROTECTIVE GLOVES: N.A.	EYE PROTECTION: TIGHT FITTING SAFETY GOGGLES	
OTHER PROTECTIVE EQUIPMENT: N.A.		

Section IX - SPECIAL PRECAUTIONS

ACTIONS TO BE TAKEN IN HANDLING AND STORING: STORE AWAY FROM OILS, ORGANIC PRODUCTS.

OTHER PRECAUTIONS: NONE