



MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Trade Name: No.20 Pumice Powder Grade FFF
Chemical names, common names: Silicon dioxide based powder.
Manufacturer's Name: HURST CHEMICAL COMPANY
Address: 2500 San Fernando Road, Los Angeles, CA 90065
DOT CLASSIFICATION: Pumice Powder (not regulated)
For Product Information, call : (323) 223-4121
FOR EMERGENCY, CALL CHEMTREC, 24 HOUR: 800 424-9300

II. HAZARDOUS INGREDIENTS

Chemical Names	CAS Number	Exposure Limits in Air	
		ACGIH (TWA)	OSHA (PEL)
Mineral Oxide	Not Available	Not Available	N/A

Section IIA - This product contains the following chemicals subject to reporting requirements of SARA 313 and 40 CFR 372.

Listed Ingredients	CAS Number	Weight % Range
None	None	None

III. PHYSICAL PROPERTIES

Vapor density (air = 1): n/a Specific Gravity: 2.25 g/cm3 Density lb/gal: 8.2
Solubility in water: none VOC Composite Partial Pressure, mm Hg at 20°C: n/a
Evaporation rate (Bu Ac = 1): n/a Boiling Range °F: n/a
Appearance and odor: white powder with no odor
Volatile Organic Content (VOC,EPA Method 24): 0

IV. FIRE AND EXPLOSION

HAZARD RANKING

HMIS	Health Hazard=0	0=Least	4=Extreme
HAZARD	Flammability=0	1=Slight	
CLASS	Reactivity= 0	2=Moderate	
	Personal Protection = Dust Mask	3 = High	

Flash Point °F: none

Flammable limits in air, volume%: lower none upper none

Fire extinguishing materials: n/a water spray n/a carbon dioxide n/a foam
n/a dry chemical n/a other

Special firefighting procedures: n/a

Unusual fire and explosion hazards: n/a

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE -

Inhaled: Coughing and wheezing.
Contact with skin or eyes: Eye irritation
Absorbed through skin: None
Swallowed: None

HEALTH EFFECTS OR RISKS FROM EXPOSURE -

Acute: Minor irritation to eyes and nose. Overexposure may cause impairment of pulmonary function, with complaint of non-specific chest illness.

Chronic: Silicosis, a progressive pulmonary fibrosis.

FIRST AID: EMERGENCY PROCEDURES -

Eye contact: Flush eyes immediately with water.

Skin contact: Wash promptly with soap and water.

Inhaled: Remove from exposure to fresh air, apply artificial respiration, if necessary.

Swallowed: Seek medical advice. DO NOT give counter agents or induce vomiting.

COMMENTS: This product has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA.

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: Prior history of chronic respiratory disease.

RECOMMENDATIONS TO PHYSICIAN - n/a

VI. REACTIVITY DATA

Stability: Stable under ordinary conditions of use and storage.

Incompatibility (materials to avoid): Fluorine, chlorine, and powerful oxidizers.

Hazardous decomposition products (including combustion products): n/a

Hazardous polymerization: Will not polymerize under ordinary conditions of use and storage.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures: Contain spills for salvage or disposal.

Preparing wastes for disposal: Suitable for garbage or refuse disposal.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: A local vacuum system is preferred to remove dust from work area.

Respiratory Protection: In working atmosphere where TLV or (PEL) levels are exceeded, use NIOSH-approved air-purifying respirator with dust filter.

Eye Protection: Use safety goggles where heavy dust conditions are expected.

Gloves: Not required.

Other clothing and equipment: Not required

OTHER HANDLING AND STORAGE REQUIREMENTS:

Keep containers tightly closed. Use & store this product with adequate ventilation. Use good personal hygiene practice.

HURST CHEMICAL COMPANY furnishes Material Safety Data Sheets based upon information from raw material suppliers. This information is provided in compliance with Federal Regulation 29CFR 1910. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE.

This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof.

Prepared By: A. O. KORKIN, Ph.D.