

MATERIAL SAFETY DATA SHEET

Date Issued: 06/25/2012

MSDS No: STOVE MATE MORTAR

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: STOVE MATE MORTAR
PRODUCT CODE: STOVE MATE MORTAR

MANUFACTURER

IGS, INC.
 200 Country Club Rd.
 Meadow Lands, PA 15347
Service Number: 1-724-222-5800

24 HR. EMERGENCY TELEPHONE NUMBERS

1-724-222-5800

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Irritating, and may injure eye tissue if not removed promptly.

SKIN: May cause skin irritation in extremely sensitive individuals.

INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

INHALATION: Dust or vapor irritating to eyes and respiratory tract.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Redness and/or tearing.

SKIN: Redness and/or itching.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Phosphoric Acid	0-5%	7664-38-2	231-633-2
Silica, Crystalline	20-60%	14808-60-7	238-878-4
Kaolin	5-20%	1332-58-7	
Graphite (natural)	0-5%	7782-42-5	

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Do not induce vomiting, give large amounts of water or milk to dilute. See medical attention if nausea develops.

INHALATION: Move to fresh air. Seek medical attention if breathing becomes irregular or becomes unconscious.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: None

AUTOIGNITION TEMPERATURE: None

FLAMMABLE CLASS: None

EXPLOSION HAZARDS: None

6. ACCIDENTAL RELEASE MEASURES

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SMALL SPILL: Mop up area and dispose of in accordance with local, state, and federal regulations.

7. HANDLING AND STORAGE

HANDLING: Wash hands before eating or smoking.

STORAGE: Store in a cool, dry place. Keep container closed to prevent from drying out.

STORAGE TEMPERATURE: (40°F) Minimum to (100°F) Maximum

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Phosphoric Acid	TWA		1 MG/M3		1 MG/M3	NL	NL
	STEL				3	NL	NL
Silica, Crystalline	TWA	250mpp PPM	10 MG/M3	PPM	0.025 MG/M3	NL	NL
	STEL					NL	NL

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses.

SKIN: Protective gloves such as latex, nitrile, or terry cloth.

RESPIRATORY: Use NIOSH approved respirator if used in a closed environment where ventilation is not adequate.

PROTECTIVE CLOTHING: Long sleeve shirt or other covering is recommended.

WORK HYGIENIC PRACTICES: Always adhere to general workplace hygienic practices including washing before eating or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Boiling Point (°C)	Specific Gravity
Phosphoric Acid	158	1.685

APPEARANCE: Gray paste.

COLOR: Gray

PERCENT VOLATILE: Not Established

FLASH POINT AND METHOD: None

SOLUBILITY IN WATER: Slight.

SPECIFIC GRAVITY: 2.100

10. STABILITY AND REACTIVITY

STABILITY: Stable under ordinary conditions of use and storage.

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POLYMERIZATION: None Expected.

INCOMPATIBLE MATERIALS: Avoid strong bases, caustics as material is slightly acidic.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY

Chemical Name	NTP Status	IARC Status	General Toxicity
Phosphoric Acid			None known.
Silica, Crystalline	1	1	

GENERAL COMMENTS: No LD50/LC50 information established relating to normal routes of occupational exposure.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not Established

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance to local sanitary regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PRIMARY HAZARD CLASS/DIVISION: Not classified as hazardous.

OTHER SHIPPING INFORMATION: Not classified as a hazardous compound. Material is able to be air freighted without restriction.

ROAD AND RAIL (ADR/RID)

HAZARD CLASS: Not classified as hazardous.

VESSEL (IMO/IMDG)

PRIMARY HAZARD CLASS/DIVISION: Not classified as hazardous.

NOTE: This product is not classified as hazardous. It can be shipped by air freight, vessel, or any other means.

CANADA TRANSPORT OF DANGEROUS GOODS

PRIMARY HAZARD CLASS/DIVISION: Not classified as hazardous.

TDG NOTE: Not classified as a hazardous material. Product is able to be air, rail, or truck freighted.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

TITLE III NOTES: Not listed for annual reporting.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %	CERCLA RQ
Phosphoric Acid	0-5%	5,000 LBS

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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Chemical Name	CAS
Phosphoric Acid	7664-38-2
Silica, Crystalline	14808-60-7
Kaolin	1332-58-7
Graphite (natural)	7782-42-5

TSCA REGULATORY: All ingredients are listed on the TSCA Inventory of chemical Substances.

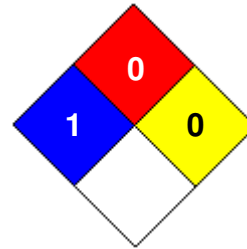
CALIFORNIA PROPOSITION 65: Not listed.

16. OTHER INFORMATION

HMIS RATING

HEALTH:	1
FLAMMABILITY:	0
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	E

NFPA CODES



NFPA STORAGE CLASSIFICATION: Not classified as a hazardous or regulated material.

HMIS RATINGS NOTES:

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HAZARD INDEX		PERSONAL PROTECTION INDEX	
4 = SEVERE HAZARD	An asterisk(*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification Additional Information	A	
3 = SERIOUS HAZARD		B	
2 = MODERATE HAZARD		C	
1 = SLIGHT HAZARD		D	
0 = MINIMAL HAZARD		E	
PERSONAL PROTECTION EQUIPMENT		F	
A Safety Glasses	n Splash Goggles	G	
o Face Shield & Eye Protection	p Gloves	H	
q Boots	r Synthetic Apron	I	
s Full Suit	t Dust Respirator	J	
u Major Hazard	w Dust & Vapor Respirator	K	
y Full Face Respirator	z Airbox Hood or Mask	X Consult your supervisor or S.O.P. for "SPECIAL" handling directions	

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