

MATERIAL SAFETY DATA SHEET

Date Issued: 05/15/2012
 MSDS No: MILL PAC BLACK
 Date Revised: 03/24/2014
 Revision No: 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: MILL PAC BLACK
PRODUCT CODE: MILL PAC BLACK

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: Contact may cause eye irritation.

SKIN: May cause itching.

SKIN ABSORPTION: None Expected.

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.

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
PROPRIETARY POLYMER	20-60%	PROPRIETARY	PROPRIETARY
Kaolin	20-60%	1332-58-7	
Graphite (natural)	0-10%	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: 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: Move to fresh air. Seek medical attention if breathing becomes irregular or becomes unconscious.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: In open air, Mill Pac will not flash, even when exposed to open flame. Safe to apply to hot ingot molds.

AUTOIGNITION TEMPERATURE: Not Established

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam, Water Fog.

HAZARDOUS COMBUSTION PRODUCTS: Carbon Monoxide, Carbon Dioxide, Hydrocarbons.

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6. ACCIDENTAL RELEASE MEASURES

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

LARGE SPILL: Wearing proper PPE, scoop material into container(s) and dispose of in accordance with local sanitary regulations. Do not flush down drain.

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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses.

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

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

ODOR: Mild

APPEARANCE: Dark gray/black fibrous paste

FLASH POINT AND METHOD: In open air, Mill Pac will not flash, even when exposed to open flame.
Safe to apply to hot ingot molds.

SOLUBILITY IN WATER: Slight.

EVAPORATION RATE: Not Established

SPECIFIC GRAVITY: 1.27

(VOC): Not Established

10. STABILITY AND REACTIVITY

STABILITY: Stable under ordinary conditions of use and storage.

POLYMERIZATION: None Expected.

11. TOXICOLOGICAL INFORMATION

COMMENTS: Not Established

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not Established

13. DISPOSAL CONSIDERATIONS

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

EMPTY CONTAINER: Trash

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PRIMARY HAZARD CLASS/DIVISION: Not classified as hazardous.

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

CANADA TRANSPORT OF DANGEROUS GOODS: 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.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
PROPRIETARY POLYMER	PROPRIETARY
Kaolin	1332-58-7
Graphite (natural)	7782-42-5

CALIFORNIA PROPOSITION 65: Not listed.

COMMENTS Not a regulated or hazardous material.

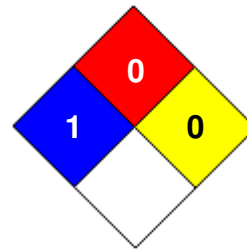
16. OTHER INFORMATION

REVISION SUMMARY: Revision #: 1. This MSDS replaces the March 24, 2014 MSDS.

HMIS RATING

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

NFPA CODES


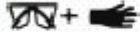











NFPA STORAGE CLASSIFICATION: Not classified as a hazardous or regulated material.

HMIS RATINGS NOTES:

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

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