

SAFETY DATA SHEET



Date Prepared : 01/01/2019
 SDS No. : STEEL SEAL
 Date Revised : 01/01/2019
 Revision No : 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: STEEL SEAL
PRODUCT CODE: STEEL SEAL

MANUFACTURER

IGS INDUSTRIES INC.
 200 COUNTRY CLUB RD.
 PO BOX 368
 MEADOW LANDS, PA 15347
Emergency Phone: 1-724-222-5800
Customer Service: 1-724-222-5800
E-Mail: SEALANT.DEPT@IGSIND.COM

24 HR. EMERGENCY TELEPHONE NUMBERS

1-724-222-5800

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Irritation, Category 2
 Skin Sensitization, Category 1
 Eye Damage, Category 1
 Eye Corrosion, Category 2A
 Skin Corrosion, Category 3
 Acute Toxicity (Oral), Category 4
 Acute Toxicity (Inhalation), Category 4

GHS LABEL

This material is skin and eye irritant. Respirable crystalline silica and RCF may be present at the end of the product lifecycle and may cause cancer (inhalation).



IRRITANT



CORROSIVE



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H312: Harmful in contact with skin.
 H315: Causes skin irritation.
 H317: May cause an allergic skin reaction.
 H318: Causes serious eye damage.
 H402: Harmful to aquatic life.
 H302 + H332: Harmful if swallowed or if inhaled.

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0462B6PD: May cause lung cancer (inhalation).
 H320: Causes eye irritation.

Precautionary statement(s)

Prevention:

P101: If medical advice is needed, have product container or label at hand.
 P102: Keep out of reach of children.
 P103: Read label before use.
 P202: Do not handle until all safety precautions have been read and understood.
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P270: Do not eat, drink or smoke when using this product.
 P273: Avoid release to the environment.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
 P362+P364: Take off contaminated clothing and wash it before reuse.
 P501: Dispose of contents/container to ...

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
PROPRIETARY POLYMER	40-80%	PROPRIETARY
PROPRIETARY POLYMER	0-5%	PROPRIETARY
Refractories, Fibers, Aluminosilicate	5-20%	142844-00-6
Benzyl Alcohol	5-25%	100-51-6
Aluminum (stabilized)	0-5%	7429-90-5
Mineral Oil (usp Grade)	0-5%	8042-47-5

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.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Redness and/or tearing.

SKIN: Redness and/or itching.

NOTES TO PHYSICIAN: Treat dermatitis as a poison ivy type rash if it develops.

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5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: CO2 or chemical foam. Do not use water stream or halogenated compounds.

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

EXPLOSION HAZARDS: None

FIRE FIGHTING EQUIPMENT: Wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Do not use water stream as flame may scatter.

FIRE EXPLOSION: None

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Ventilate area. Use chemical resistant gloves, safety glasses, and other personal protective equipment. Scoop up material and put into a tightly sealed container. Dispose of in accordance with local sanitary regulations.

LARGE SPILL: Ventilate area. Use chemical resistant gloves, safety glasses, ventilation mask, and other personal protective equipment. Soak up with absorbent material. Scoop up material and put into a container. Dispose of in accordance with local sanitary regulations.

7. HANDLING AND STORAGE

HANDLING: Follow all SDS/label precautions even after container is emptied because it may retain product residues.

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

STORAGE TEMPERATURE: (40°F) Minimum to (90°F) Maximum

Notes: Sealant is a heat cured product. Cooler storage temperatures, such as refrigeration, will insure maximum shelf life.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)			
Chemical Name	EXPOSURE LIMITS		
	Type	ppm	mg/m ³
Refractories, Fibers, Aluminosilicate	Supplier OEL	TWA	0.5
	OSHA PEL	TWA	15T 5R
Aluminum (stabilized)	ACGIH TLV	TWA	1

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses.

SKIN: Chemically resistant gloves and sleeves should be used when applying material. Do not contact skin with material as it

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may cause a poison ivy type rash in some individuals.

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

ODOR: Fragrant

APPEARANCE: Fibrous Paste

COLOR: Silver gray

PERCENT VOLATILE: Not Established

FLASH POINT AND METHOD: \geq (212°F) (TCC)

VAPOR DENSITY: > 1.04

SOLUBILITY IN WATER: Slight.

EVAPORATION RATE: Not Established

SPECIFIC GRAVITY: 1.21 H₂O = 1.0

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: None

STABILITY: Stable under ordinary conditions of use and storage.

CONDITIONS TO AVOID: Avoid exposure of uncured product to high heat or open ignition sources.

INCOMPATIBLE MATERIALS: Strong acids, caustics, oxidizers, or alkalies. Also avoid halogenated hydrocarbons.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Benzyl Alcohol	1230	2000	1000

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

12. ECOLOGICAL INFORMATION

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ENVIRONMENTAL DATA: Not Established

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: STEEL SEAL

PRIMARY HAZARD CLASS/DIVISION: Not classified as hazardous.

OTHER SHIPPING INFORMATION: Not classified as a hazardous compound. Material is able to be transported by any means without restriction.

NOTE: Non-Hazardous for transportation, not a regulated substance.

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: STEEL SEAL

NOTE: Non-Hazardous for transportation, not a regulated substance.

AIR (ICAO/IATA)

SHIPPING NAME: STEEL SEAL

NOTE: Non-Hazardous for transportation, not a regulated substance.

VESSEL (IMO/IMDG)

SHIPPING NAME: STEEL SEAL

PRIMARY HAZARD CLASS/DIVISION: Not classified as hazardous.

NOTE: Non-Hazardous for transportation, not a regulated substance.

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: STEEL SEAL

PRIMARY HAZARD CLASS/DIVISION: Not classified as hazardous.

TDG NOTE: Non-Hazardous for transportation, not a regulated substance.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: None

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313 REPORTABLE INGREDIENTS: None

TITLE III NOTES: Not listed for annual reporting.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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

CALIFORNIA PROPOSITION 65: This product contains crystalline silica, some of which is respirable at the end of the product's life cycle. Crystalline silica is known to the State of California to cause cancer.

16. OTHER INFORMATION

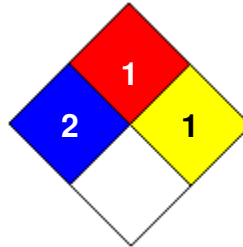
Date Revised: 06/06/2016

REVISION SUMMARY: This SDS replaces the 10/01/2015 SDS.

HMIS RATING

HEALTH		2
FLAMMABILITY		1
PHYSICAL HAZARD		1
PERSONAL PROTECTION		B

NFPA CODES



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

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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			
A Safety Glasses	n Splash Goggles	o Face Shield & Eye Protection	p Gloves
q Boots	r Synthetic Apron	s Full Body Suit	t Dust Respirator
u Vapor Respirator	w Chemical Vapor Respirator	y Full Face Respirator	z Airline Hood or Mask
		G	
		H	
		I	
		J	
		K	
		X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions

HMIS RATINGS NOTES:

GENERAL STATEMENTS: Respirable dust hazard is at the end of the product life cycle when the sealed joint is being disassembled. Use gloves and dust mask during clean up.

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