

MATERIAL SAFETY DATA SHEET

Date Issued: 01/01/2025

MSDS No: SILVER SEAL II (TJ)

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: SILVER SEAL II (TJ)

PRODUCT CODE: SILVER SEAL II (TJ)

MANUFACTURER

IGS, INC.

200 Country Club Rd.

Meadow Lands, PA 15347

Service Number: 1-724-222-5800

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

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

SKIN: May cause dermatitis or a poison ivy type rash with some individuals.

SKIN ABSORPTION: None Expected.

INGESTION: Do not induce vomiting, seek medical attention.

INHALATION: Remove to fresh air. Vapors may irritate mucous membranes. Seek medical attention if breathing becomes irregular or person becomes unconscious.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Redness and/or tearing.

SKIN: Redness and/or itching.

INHALATION: Irritated respiratory tract, dizziness, headache.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS	EINECS
PROPRIETARY POLYMER Non-hazardous	20-60%	PROPRIETARY	PROPRIETARY
Stoddard Solvent	5-25%	8052-41-3	232-489-3
Kaolin	5-25%	1332-58-7	
Cellulose	0-10%	9004-34-6	232-674-9
Refractories, Fibers, Aluminosilicate	5-20%	142844-00-6	
Aluminum	0-5%	7429-90-5	231-072-3

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: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

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

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

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: (190°F) (COC)

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

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: Clear and ventilate area well, remove all sources of ignition. Use chemically resistant personal protective equipment including respirator. Scoop material into container(s) and dispose of in accordance with local sanitary regulations. Do not flush down drain. Clean residual with inert oil dry clay and dispose of. Material may be thinned with Stoddard solvent (mineral spirits) or stronger solvent in the same classification.

7. HANDLING AND STORAGE

HANDLING: Keep away from heat and flame. Avoid direct contact with skin and directly breathing vapors. Follow all MSDS/label precautions even after container is emptied because it may contain product residue.

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

STORAGE TEMPERATURE: (40°F) Minimum to (90°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
Stoddard Solvent	TWA	500	2900	100	572	NL	NL
	STEL					NL	NL
Cellulose	TWA		15T 5R		10		
Refractories, Fibers, Aluminosilicate	TWA					0.5	
Aluminum	TWA		15T 5R		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 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: Aromatic, Mineral Spirits

APPEARANCE: Silver fibrous paste

PERCENT VOLATILE: Not Established

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VAPOR DENSITY: > 1**FLASH POINT AND METHOD:** (190°F) (COC)**EVAPORATION RATE:** Not Established**SPECIFIC GRAVITY:** 1.070 H₂O = 1.0

10. STABILITY AND REACTIVITY

STABILITY: Stable under ordinary conditions of use and storage.**POLYMERIZATION:** None**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

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.

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)

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Aluminum	0-5%	7429-90-5

TITLE III NOTES: Not listed for annual reporting.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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Refractories, Fibers, Aluminosilicate (not listed in TSCA inventory list)	142844-00-6
PROPRIETARY POLYMER Non-hazardous	PROPRIETARY
Stoddard Solvent	8052-41-3
Kaolin	1332-58-7
Cellulose	9004-34-6
Aluminum	7429-90-5

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

CALIFORNIA PROPOSITION 65: Not listed.

COMMENTS Not a regulated or hazardous material.

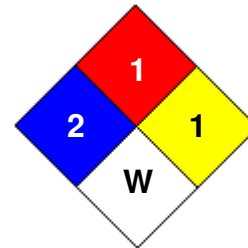
16. OTHER INFORMATION

REVISION SUMMARY: New MSDS

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.

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	A	A
3 = SERIOUS HAZARD		B	B
2 = MODERATE HAZARD		C	C
1 = SLIGHT HAZARD		D	D
0 = MINIMAL HAZARD		E	E
Additional Information		F	F
PERSONAL PROTECTION EQUIPMENT		G	G
A Safety Glasses	n Splash Goggles	H	H
o Face Shield & Eye Protection	p Gloves	I	I
q Boots	r Synthetic Apron	J	J
s Full Suit	t Dust Respirator	K	K
u Vapor Respirator	w Dust & Vapor Respirator	X Consult your supervisor or S.O.P. for "SPECIAL" handling directions	X Consult your supervisor or S.O.P. for "SPECIAL" handling directions
y Full Face Respirator	z Airless Hood or Mask		

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