SAFETY DATA SHEET

This SDS is Classified to the 2012 OSHA Hazard Communication Standard 29 CFR 1920.1200.

SDS #: SSFG-01-1
DATE PREPARED: 2/15/2024
REVISION DATE(S): N/A

SECTION 1: IDENTIFICATION

1.1 Identification

Product form : Mixture
Product name : IB Seam Set FG

1.2 Use

Recommended use: Protection of construction materials on flat/low-sloped and steep-sloped roofs.
Restrictions on use: For industrial exterior use only. Do not use it indoors. Adequate ventilation recommended.

1.3 Supplier

IB Roof Systems, Inc.
506 E. Dallas Rd Suite 300
Grapevine, Texas 76051
Information: 800-426-1626 • www.ibroof.com
Fax: 972-915-6802
Safety Data Sheet Competent Person: Technical@ibroof.com

1.4 Emergency Telephone Number

3E Emergency Response U.S. 855-280-2834
3E Emergency Response International 760-602-8703

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS-US classification

Flammable Liquids:	Category 3 – H226
Skin corrosion/irritation:	Category 2 – H315
Serious eye damage/eye irritation:	Category 2 – H319
Respiratory Sensitization:	Category 1 – H334
Skin Sensitization:	Category 1 – H317
Carcinogenicity:	Category 2 – H351
Specific Target Organ Toxicity – Single Exposure	
Respiratory tract irritation:	Category 3 – H335
Specific Target Organ Toxicity – Repeated Exposure:	Category 2 – H373
Aspiration hazard:	Category 1 – H304

2.2 GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US):

Signal word (GHS US): Danger

Hazard statements (GHS US):
H226: Flammable liquid and vapor.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335: May cause respiratory irritation.
H351: Suspected of causing cancer.
H373: May cause damage to organs through prolonged or repeated exposure.

Precautionary statements (GHS US): P201 - Obtain special instructions before use.

	P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P260 Do not breathe mist/vapors/spray. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing must not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves, eye protection, face protection, protective clothing. P284 In case of inadequate ventilation wear respiratory protection.
Precautionary Statements (Response):	P301+P310 - IF SWALLOWED: Immediately call poison center/doctor/... P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower P304+P341 - IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - IF exposed or concerned: Get medical advice/attention. P312 - Call a poison center or doctor if you feel unwell. P331 - Do NOT induce vomiting. P333+P313 - IF skin irritation or rash occurs: Get medical advice/attention. P337+P317 - If eye irritation persists: Get medical advice/attention. P342+P316 - If experiencing respiratory symptoms: Get emergence medical help immediately. P362+P364 – Take off contaminated clothing and wash it before reuse. P370+P378 - In case of fire: Use media other than water to extinguish.
Storage:	P403+P233+ P235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool. P405 - Store locked up.
Disposal:	P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards which do not result in classification

No additional information available

2.4 Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: COMPOSITION, INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Name	CAS No.	%*
Benzene, 1,2,4-trimethyl-	95-63-6	10-30
Benzene, trimethyl-	25551-13-7	10-30
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	41556-26-7	0.1–1
Calcium Oxide	1305-78-8	1-5
Carbamic acid, 1,6-hexanediylbis-, bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] ester	59719-67-4	0.1–1
Cumene	98-82-8	1-5
Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy-	104810-48-2	0.1-1
Solvent naphtha, petroleum, light aromatic	64742-95-6	10-30
Talc	14807-96-6	5–10
Residual isomers of methylenediphenyl diisocyanate	Mixture*	0–0.2
Xylenes (o-, m-, p- isomers)	1330-20-7	1-5
1,2,3-Trimethylbenzene	526-73-8	1-5

1,3,5-Trimethylbenzene	108-67-8	1-5
*** In accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200), the specific chemical identity or exact weight % has been withheld as a trade secret.**		

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

First-aid measures general: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

First-aid measures after inhalation: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.

First-aid measures after skin contact: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention immediately.

First-aid measures after eye contact: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get medical attention immediately. Continue rinsing.

First-aid measures after ingestion: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.

4.2 Most important symptoms and effects (acute and delayed)

Symptoms/effects: May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

Symptoms/effects after inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.

Symptoms/effects after skin contact: Causes skin irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact: Causes serious eye irritation.

Symptoms/effects after ingestion: May be fatal if swallowed and enters airways.

Chronic symptoms: Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

4.3 Immediate medical attention and special treatment, if necessary No additional information available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Carbon dioxide. Foam. Dry powder. Sand.

Unsuitable extinguishing media: If water is used, use very large quantities of cold water. The reaction between water and hot isocyanate may be vigorous.

5.2 Specific hazards arising from the chemical

Fire hazard: Flammable liquid and vapor.

Explosion hazard: Avoid fire, sparks, static electricity, and hot surfaces. Liquid readily evaporates at room/ambient temperature. Vapors are invisible, flammable, heavier than air, and may accumulate in low areas and spread long distances. Distant ignition and flashback are possible.

Reactivity: No data available.

5.3 Special protective equipment and precautions for fire-fighters

Firefighting instructions: Use cold water spray to cool fire-exposed containers to minimize risk of rupture. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment. Prevent human exposure to fire, fumes, smoke and products of combustion.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Other information: Avoid smoke inhalation.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures

General measures: Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

6.1.1 For non-emergency personnel

Protective equipment: Wear Protective equipment as described in Section 8.

Emergency procedures: Evacuate unnecessary personnel.

6.1.2 For emergency responders

Protective equipment: Wear suitable protective clothing, gloves and eye or face protection.

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6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

For containment/cleaning up: Small Spills: Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces, including ignitable vapors, have been removed, thoroughly wet vacuum the area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal. Only those persons who are adequately trained, authorized, and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up.
Large Spills: Keep spectators away. Only those persons who are adequately trained, authorized, and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up. Ventilate the area by natural means or by explosion-proof means (i.e. fans). Know and prepare for spill response before using or handling this product. Eliminate all ignition sources (flames, hot surfaces, portable heaters, and sources of electrical, static, or frictional sparks). Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered and labeled metal containers for recovery or disposal or remove them with inert absorbent. Use only non-sparking tools and appropriate PPE. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

6.4 Reference to other sections

See Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for safe handling: Do not handle until all safety precautions have been read and understood. For professional or industrial use only. Follow label instructions. Keep out of reach of children. Not for consumption. No smoking. Do not breathe vapors. Avoid contact with body. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Empty containers must not be washed and re-used for any purpose. Contact lens wearers must wear protective eye wear around chemical vapors and liquid. Wash hands thoroughly after handling. Flammable vapors may cause flash fire or ignite explosively. To prevent build-up of vapors, use adequate natural and/or mechanical ventilation (e.g. open all windows and doors to achieve cross ventilation). Containers may be hazardous when empty. Never use welding or cutting torch on or near container. Do not cut, drill, grind, or expose containers to heat, sparks, static electricity, or other source of ignition. Explosion may occur causing injury or death.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Store in a dry, cool, and well-ventilated place. Keep container tightly closed. Avoid storing container directly on the floor or against an outside wall. (see Section 10 of the SDS).

Storage conditions: Store in a dry, cool, and well-ventilated place. Keep the container tightly closed.

Storage Period: 6 Months

Storage Temperature: 15.6°C (60°F); 27.6°C 80°F)

Heat and ignition sources: Avoid ignition sources.

Special rules on packaging: Keep only in original container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Chemical Identity	Type	Exposure Limit Values
Benzene, 1,2,4-trimethyl- (95-63-6)	ACGIH	OELs not established
	OSHA	OELs not established

Benzene, trimethyl- (25551-13-7)	ACGIH OEL TWA [ppm]	25 ppm
	ACGIH	CNS impair; asthma; hematologic eff
	OSHA PEL TWA [1]	125 mg/m³
	OSHA PEL TWA [2]	25 ppm
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)	ACGIH	OELs not established
	OSHA	OELs not established
Calcium Oxide (1305-78-8)	ACGIH OEL TWA	2 mg/m³
	ACGIH	URT irr
	OSHA PEL TWA [1]	5 mg/m³
Carbamic acid, 1,6-hexanediylbis-, bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] ester (59719-67-4)	ACGIH	OELs not established
	OSHA	OELs not established
Cumene (98-82-8)	ACGIH OEL TWA [ppm]	50 ppm
	ACGIH	Eye, skin, & URT irr; CNS impair
	OSHA PEL TWA [1]	245 mg/m³
	OSHA PEL TWA [2]	50 ppm
Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy- (104810-48-2)	ACGIH	OELs not established
	OSHA	OELs not established
Residual isomers of methylenediphenyl diisocyanate (Mixture)	ACGIH OEL TWA	0.005 ppm
	ACGIH	Resp sens
	OSHA PEL C	02 mg/m²
	OSHA PEL C ppm	0.02 ppm
Solvent naphtha, petroleum, light aromatic (64742-95-6)	ACGIH	OELs not established
	OSHA	OELs not established
Talc (14807-96-6)	ACGIH OEL TWA	2 mg/m³ particulate matter containing no asbestos and <1% crystalline silica, respirable fraction
	OSHA PEL TWA [2]	20 mppcf if 1% Quartz or more, use Quartz limit
Xylenes (o-, m-, p- isomers) (1330-20-7)	ACGIH OEL TWA	221 mg/m³
	ACGIH OEL TWA [ppm]	50 ppm
	ACGIH OEL STEL	442 mg/m³
	ACGIH OEL STEL [ppm]	100 ppm
	ACGIH	URT & eye irr; CNS impair
	OSHA PEL TWA [1]	435 mg/m³
	OSHA PEL TWA [2]	100 ppm
	OSHA PEL STEL [1]	655 mg/m³
	OSHA PEL STEL [2]	150 ppm
1,2,3-Trimethylbenzene (526-73-8)	ACGIH	OELs not established
	OSHA	OELs not established
1,3,5-Trimethylbenzene (108-67-8)	ACGIH	OELs not established
	OSHA	OELs not established
4-4'-Methylenediphenyl diisocyanate (101-68-8)	ACGIH OEL TWA [ppm]	0.005 ppm
	ACGIH	Resp sens
	OSHA PEL C	0.2 mg/m³
	OSHA PEL C [ppm]	0.02 ppm

8.2 Appropriate engineering controls

Appropriate engineering controls: Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

8.3 Biological limit values

Component	Value	Determinant	Specimen	Sampling Time
Acetone (67-64-1)	25 mg/l	Acetone	Urine	-

8.4 Individual protection measures/Personal protective equipment

Personal protective equipment symbol(s):

Personal protective equipment:	Gloves. Protective goggles. Protective clothing. In case of inadequate ventilation, wear respiratory protection.
Hand protection:	Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC, or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.
Eye protection:	Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to airborne particles.
Skin and body protection:	Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.
Respiratory protection:	Use NIOSH (or other equivalent national standard) -approved dust/particulate respirator. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.
Thermal hazards:	Wear appropriate thermal protective clothing when necessary.
General hygiene considerations:	Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Viscous paste
Color:	Aluminum Gray
Odor:	Mild aromatic solvent
Odor threshold:	No data available
pH:	No data available
Melting point:	No data available
Freezing point:	No data available
Boiling point:	320°F (160°C)
Flash point:	110°F (43.3°C) (Tag closed cup)
Relative evaporation rate (n-butyl acetate=1):	No data available
Flammability (solid, gas):	No data available
Vapor pressure:	No data available
Relative vapor density at 20 °C:	No data available
Relative density:	0.888 @ 77°F (25°C)
Density:	7.4 – 8.0 lb./gal
Solubility:	Reacts slowly with water
Partition coefficient n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	120000 – 160000 cP
Explosive limits:	
Lower explosive limit (LEL)	0.9 vol %
Upper explosive limit (UEL	6.5 vol %
Explosive properties:	No data available
Oxidizing properties:	No data available

9.2 Other information

VOC content	186.9 g/l (EPA 24 Method) 20% volume

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Reacts slowly with water.
10.2 Chemical stability	Stable under recommended handling and storage conditions (see section 7).
10.3 Possibility of hazardous reactions	May occur; contact with moisture or other materials which react with isocyanates may cause polymerization.
10.4 Conditions to avoid	Strong acids. Strong bases. Strong oxidizing agents. Moisture.

10.5 Incompatible materials None known.

10.6 Hazardous decomposition products Can be released in case of fire: carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen cyanide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity (oral): Not classified

Acute toxicity (dermal): Not classified

Acute toxicity (inhalation): Not classified

Benzene, trimethyl- (25551-13-7)

LD50 oral rat 8970 mg/kg

Benzene, 1,2,4-trimethyl- (95-63-6)

LD50 oral rat 3280 mg/kg

LD50 dermal rabbit >3160 mg/kg

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)

LD50 oral rat 2615 mg/kg

Skin corrosion/irritation: Causes skin irritation

Serious eye damage/irritation: Causes serious eye irritation

Respiratory or skin sensitization: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ cell mutagenicity: Not classified

Calcium Oxide (1305-78-8)

LD50 oral rat 500 mg/kg

Cumene (98-82-8)

LD50 dermal rabbit 12300 µl/kg

LC50 inhalation – rat >3577 ppm/6h

IARC group 2B – Possibly carcinogen to humans

National Toxicology Program (NTP) Status Reasonably anticipated to be Human Carcinogen

Residual isomers of methylenediphenyl diisocyanate (Mixture)

LD50 oral rat 31600 mg/kg

LC50 inhalation – rat 369 mg/m^3/4h

Solvent naphtha, petroleum, light aromatic (64742-95-6)

LD50 dermal rabbit >2000 mg/kg

LC50 inhalation – rat [ppm] 3400 ppm/4h

Xylenes (o-, m-, p- isomers) (1330-20-7)

LD50 oral rat 3500 mg/kg

1,3,5-Trimethylbenzene (108-67-8)

LD50 oral rat 5000 mg/kg

LC50 inhalation – rat 24 g/m^3/6h

4-4'-Methylenediphenyl diisocyanate (101-68-8)

LD50 oral rat 31600 mg/kg

LC50 inhalation – rat 369 g/m^3/6h

Carcinogenicity: Suspected of causing cancer.

Cumene (98-82-8)

IARC group 2B – Possibly carcinogen to humans

National Toxicology Program (NTP) Status Reasonably anticipated to be Human Carcinogen

Talc (14807-96-6)

IARC group 2B - Possibly carcinogen to humans

In OSHA Hazard Communication Carcinogen List Yes

OHSA Specifically Regulated Substances (29 CFR 1910.1001-1053) Not listed

Reproductive toxicity: Not classified.

STOT-single exposure: May cause respiratory irritation.

STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard: May be fatal if swallowed and enters airways.

Symptoms/effects: May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

Information on likely routes of exposure

Inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.

Skin contact: Causes skin irritation. May cause an allergic skin reaction.

Eye contact: Causes serious eyes irritation.

Ingestion: May be fatal if swallowed and enters airways.

Chronic Symptoms: Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ecology - general: No information available.

12.2 Persistence and degradability No data is available on the degradability of this product.

12.3 Bioaccumulative potential No data is available for this product.

12.4 Mobility in soil No additional information available

12.5 Other adverse effects No additional information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods

Disposal instructions	Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer, and the waste disposal company.
Waste treatment methods	Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION

Department of Transportation (DOT)

Not regulated as dangerous goods.

This mixture meets the requirements for 49 CFR 173.150(f)(1)(2) exemptions and the outer packages of this material would not require transportation labeling.

DOT	
UN-No.:	UN 1993 Flammable liquid, n.o.s. (Contains: Benzene, trimethyl-), 3, III
UN Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	III
IATA	UN 1993 Flammable liquid, n.o.s. (Contains: Benzene, trimethyl-), 3, III
UN Proper shipping name	Flammable Liquid, n.o.s.
Class	3 – Flammable Liquids
Packing group	III – Minor Danger
IMDG	
Transport document description	UN 1993 Flammable liquid, n.o.s. (Contains: Benzene, trimethyl-), 3, III
UN No:	1993
Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S.
Class	3 – Flammable Liquids
Packing group	III – Substances presenting low danger
Limited quantities	5 L
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not established

SECTION 15: REGULATORY INFORMATION

15.1 US Federal regulations

IB Seam Set FG	
US Federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All chemical substances in this product are listed as “Active” in the EPA (Environmental Protection Agency) “TSCA Inventory Notification (Active Inactive) Requirements Rule” (“the Final Rule”) of Feb. 2019, as amended Feb. 2021, or are otherwise exempt or regulated by other agencies such as FDA or FIFRA	
SARA Section 311/312 Hazard Classes	Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Aspiration hazard Health hazard - Skin corrosion or Irritation

	Health hazard - Serious eye damage or eye irritation Health hazard - Respiratory or skin sensitization Health hazard - Carcinogenicity Health hazard - Specific target organ toxicity (single or repeated exposure)
SARA Section 313 TRI reporting	Not regulated
Other Federal regulations **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List** **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)** **Safe Drinking Water Act (SDWA)**	 Not regulated Not regulated Not regulated.

15.2 International regulations

No additional information available

15.3 US State regulations

WARNING: This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm ad Toluene, which is known to the State of California to cause birth defects and or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Component	Carcinogenicity	Developmental toxicity	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Benzene (71-43-2)	X	X	X		6.4 µg/day (oral); 13 µg/day (inhalation)	24 µg/day (oral); 49 µg/day (inhalation)
Carbon black (1333-86-4)	X					
Cumene (98-82-8)	X					
Methyl carbamate (598-55-0)	X				160 µg/day	
Toluene (108-88-3)		X				7000 µg/day

Component	State or local regulations
Aluminum (7429-90-5)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Benzene (71-43-2)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Benzene, 1,2,4-trimethyl- (95-63-6)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List
Benzene, trimethyl- (25551-13-7)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) List
Calcium oxide (1305-78-8)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) List
Carbon black (1333-86-4)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances
Cumene (98-82-8)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances
Dibutyltin dilaurate (77-58-7)	U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - New Jersey - Right to Know Hazardous Substance List
Diisobutyl ketone (108-83-8)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) List
Isobutane (75-28-5)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Magnesium oxide (1309-48-4)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List

Phosphoric acid (7664-38-2)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Propanedioic acid, diethyl ester (105-53-3)	U.S. - New Jersey - Right to Know Hazardous Substance List
Silica, amorphous (7631-86-9)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) List
Talc (14807-96-6)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Toluene (108-88-3)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Xylenes (o-, m-, p- isomers) (1330-20-7)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
1,3,5-Trimethylbenzene (108-67-8)	U.S. - Massachusetts - Right To Know List
4-4'-Methylenediphenyl diisocyanate (101-68-8)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List; U.S. - Massachusetts - Right To Know List

SECTION 16: OTHER INFORMATION

Issue Date:	2/15/2024
Revision Date:	N/A
Version #:	SSFG-01-1

NFPA health record: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard: 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.

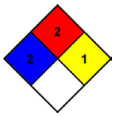
NFPA reactivity: 1 - Material that in itself is normally stable, even under fire exposure conditions, and is not reactive with water.

HMIS Hazard Rating: 2*

* - Chronic (long-term) health effects may result from repeated overexposure

Flammability: 2

Physical: 1



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