SAFETY DATA SHEET

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

SDS #: SFG-01-2
DATE PREPARED: 1/04/2020
REVISION DATE(S): 11/01/2021; 2/15/2024

SECTION 1: IDENTIFICATION

1.1 Identification
Product form : Mixture
Product name : IB Silicone 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 – H225
Serious eye damage/eye irritation:	Category 2 – H315
Skin Sensitization:	Category 1 – H317
Specific Target Organ Toxicity – Single Exposure	Category 3 – H336 (Narcotic effects)
Reproductive toxicity:	Category 2 – H361
Specific Target Organ Toxicity – Repeated Exposure Oral:	Category 2 – H373 (Blood, Cardiovascular system)
Hazardous to the aquatic environment, acute hazard	Category 3 – H401
Hazardous to the aquatic environment, long-term Hazard	Category 2 – H411

2.2 GHS Label elements, including precautionary statements
GHS US labelling
Hazard pictograms (GHS US):

Signal word (GHS US): Warning

Hazard statements (GHS US):
H225: Highly flammable liquid and vapor.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H336: May cause drowsiness or dizziness.
H361: Suspected of damaging fertility or the unborn child.
H373: May cause damage to organs through prolonged or repeated exposure.
H401: Toxic to aquatic life.
H411: Toxic to aquatic life with long-lasting effects.

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.
Precautionary Statements (Response):	P303 - IF ON SKIN (or hair): Take oof immediately all contaminated clothing. Rinse skin with water/shower. P304 - IF inhaled: Remove person to fresh air and keep comfortable for breathing. P308 - IF exposed or concerned: Get medical attention. P333 - IF skin irritation or rash occurs: Get medical attention. P363 - Wash contaminated clothing before reuse. P370 - In case of fire: Use water fog, foam, dry chemical powder, carbon dioxide to extinguish. P391 – Collect spillage.
Storage:	P233 - Keep container tightly closed. P403 + P235 - Store in a well-ventilated place. 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.	%*
Carbon Black[1]	**1333-86-4**	**1-5**
Distillates (petroleum), hydrotreated light	**64742-47-8**	**15-20**
Methyl-tris (2-butanonoxime)silane	**22984-54-9**	**1-5**
Octamethylcyclotetrasiloxane	**556-67-2**	**0.1 - <1**
Titanium Dioxide	**13463-67-7**	**5-10**
Quartz (SiO2)	**14808-60-7**	**0.1 - <1**
3-Aminopropyltriethoxysilane	**919-30-2**	**0.1 - <1**
[1] IB Silicone FG Gray		
*** 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:	Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.
First-aid measures after inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.
First-aid measures after skin contact:	Remove contaminated clothing immediately and wash skin with soap and water. In case of

	eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.
First-aid measures after eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
First-aid measures after ingestion:	Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects (acute and delayed)

Symptoms/effects:	May cause drowsiness or dizziness. Headache. Nausea, vomiting. Direct contact with eyes may cause temporary irritation. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.
General Information:	Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

4.3 Immediate medical attention and special treatment, if necessary

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide. Sand.
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Specific hazards arising from the chemical

Fire hazard:	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed. Combustion products may include: Carbon oxides (COx). Nitrogen Oxides (NOx). Silicon oxides. Metal oxides.

5.3 Special protective equipment and precautions for fire-fighters

Firefighting instructions:	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container if no risk is involved.
Protection during firefighting:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Other information:	Flammable liquid and vapor.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures

General measures:	Keep unnecessary personnel away. Keep people away and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area).

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 appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

6.2 Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

6.3 Methods and material for containment and cleaning up

For containment/cleaning up:	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep

combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent product from entering drains.
Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination.
Large Spills: Stop the flow of material if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand, or earth to soak up the product and place it into a container for later disposal. Following product recovery, flush area with water.
Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

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: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment.

Do not breathe mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures: Store locked up. Keep away from heat and sources of ignition. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

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

Storage Period: 12 Months

Storage Temperature: 4.4°C (40°F); 26.7°C 80.1°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
Carbon Black (1333-86-4)[1]	ACGIH TLV	3 mg/m^3 Respirable fraction
	NIOSH REL	3.5 mg/ m^3
	OSHA PEL	3.5 mg/ m^3
	OSHA PEL TWA STEL	3.5 mg/ m^3
Quartz (SiO2) (14808-60-7)	ACGIH TWA	0.025 mg/m^3 Respirable fraction
	NIOSH IDLH	50 mg/m^3 Respirable fraction
	NIOSH TWA	0.05 mg/m^3 Respirable dust
	OSHA TWA	0.05 mg/m^3
	OSHA PEL TWA	0.1 mg/m^3 Respirable fraction
	OSHA PEL TWA	2.4 mppcf Respirable fraction
Octamethylcyclotetrasiloxane (556-67-2)	OARS WEEL TWA	10 ppm
Titanium Dioxide (13463-23-4)	ACGIH TWA	2.5 mg/m^3 Respirable Fine scale particles
	ACGIH TWA	0.2 mg/m^3 Respirable nanoscale particles
	NIOSH IDLH	5000 mg/m^3
	OSHA PEL	15 mg/m^3 Total dust

8.2 Appropriate engineering controls

Appropriate engineering controls: Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures,

	local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

8.3 Biological limit values No biological exposure limits noted for the ingredient(s).

8.4 Individual protection measures/Personal protective equipment

Personal protective equipment symbol(s):

Personal protective equipment:	Wear safety glasses with side shields or goggles. Face shield is recommended. 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 such as safety glasses with side shields or goggles.
Skin and body protection:	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
Respiratory protection:	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Wear NIOSH approved respirator appropriate for airborne exposure at the point of use. Appropriate respirator selection should be made by a qualified professional.
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 liquid
Color:	White or Gray (Color specified)
Odor:	Mild solvent
Odor threshold:	No data available
pH:	No data available
Melting point:	No data available
Freezing point:	No data available
Boiling point:	No data available
Flash point:	103°F (39.4°C)
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:	1.25 @ 77°F (25°C)
Density:	10.4 – 10.6 lb./gal
Solubility:	No data available
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:	No data available
Explosive limits:	No data available
Explosive properties:	Not explosive
Oxidizing properties:	Not oxidizing

9.2 Other information

VOC content	>200 - <250 g/l (EPA Method 24 VOC)

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	This product is stable and non-reactive under normal conditions of use, storage, and transport.
10.2 Chemical stability	Stable under recommended handling and storage conditions (see section 7).
10.3 Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4 Conditions to avoid	Heat, sparks, open flames, and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
10.5 Incompatible materials	Acids, Strong oxidizing agents Fluorine.
10.6 Hazardous decomposition products	No hazardous decomposition products are known. In the event of a fire: See Section 5.

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
Carbon Black (1333-86-4)[1]	
LD50 oral rat	8000 mg/kg
IARC group 2B -	Possibly carcinogen to humans
Distillates (petroleum), hydrotreated light (64742-47-8)	
LD50 dermal rabbit	> 2000 mg/kg/bw
LC50 inhalation rat	> 5.28 mg/l/4h
LD50 oral rat	> 5000 mg/kg bw
Methyl-tris (2-butanonoxime)silane (22984-54-9)	
LD50 oral rat	2463 mg/kg
NOAEL rat	10 mg/kg
Octamethylcyclotetrasiloxane (556-67-2)	
LD50 dermal rat	> 2400 mg/kg
LC50 inhalation rat	> 36 mg/l/4h
LD50 oral rat	4800 mg/kg
Quartz (SiO2) (14808-60-7)	
Chronic Inhalation	
LOEC human	0.0563 mg/m^3
IARC group 1 –	Carcinogen to humans
National Toxicology Program (NTP) Status	Known to be Human Carcinogen
OSHA Specifically Regulated Substances	Cancer
Titanium Dioxide (13463-67-7)	
LD50 oral rat	> 5000 mg/kg
IARC group 2B –	Possibly carcinogen to humans
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
Carcinogenicity:	Not classifiable as carcinogenicity to humans. Due to the form of the product, exposure to the potentially carcinogenic components is not expected. Titanium dioxide is considered carcinogenic only when in an inhalable powdered form. Crystalline silica poses a health hazard when it is inhaled as dust. Normal use of product does not generate silica or other dust.
Reproductive toxicity:	Suspected of damaging fertility or the unborn child.
STOT-single exposure:	May cause drowsiness or dizziness.
STOT-repeated exposure:	May cause damage to organs (Blood, Cardiovascular system) through prolonged or repeated exposure by ingestion.
Aspiration hazard:	Not an aspiration hazard.
Viscosity, kinematic:	No data available

Information on likely routes of exposure

Inhalation:	May cause drowsiness or dizziness. Headache. Nausea, vomiting. Coughing. Inhalation of titanium dioxide dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely. Crystalline silica poses a health hazard when it is inhaled as dust. Normal use of product does not generate silica or other dust.
Skin contact:	Causes skin irritation. May cause an allergic skin reaction.
Eye contact:	Direct contact with eyes may cause temporary irritation.
Ingestion:	May cause damage to organs through prolonged or repeated exposure by ingestion. However, ingestion is not likely to be a primary route of occupational exposure.

Symptoms related to the physical, Chemical and toxicological characteristics:	May cause drowsiness or dizziness. Headache. Nausea, vomiting. Direct contact with eyes may cause temporary irritation. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.
Skin corrosion irritation:	Causes skin irritation.
Serious eye damage/eye irritation:	Direct contact with eyes may cause temporary irritation.
Respirator or skin sensitization:	
Respiratory sensitization	Not a respiratory sensitizer
Skin sensitization	May cause an allergic skin reaction
Germ cell mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ecology - general:	Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short term (acute):	Toxic to aquatic life.
Hazardous to the aquatic environment, long term (chronic):	Toxic to aquatic life with long lasting effects.

Component	Species	Test Results
Distillates (petroleum), hydrotreated light (64742-47-8)		
Aquatic Acute Fish LL50 Fish NOEC	 Oncorhynchus mykiss Oncorhynchus mykiss	 > 2 - < 5 mg/l, 96 hours 2 mg/l, 96 hours
Titanium Dioxide (13463-67-7)		
Aquatic Acute Crustacea EC50 Fish LL50	 Daphnia magna Oryzias latipes	 > 100 mg/l, 48 Hours > 100 mg/l, 96 Hours

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	The product contains volatile organic compounds which have photochemical ozone creation potential.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods

Disposal instructions	Dispose of this material and its container to hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways, or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
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 from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (See: Disposal instructions).
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 BULK	
BULK	
UN-No.:	UN1263
UN Proper shipping name	Paint
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	III
Environmental hazards	
Marine pollutant	Yes
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. DOT (Road/Rail): Non-bulk shipments of this material are non-regulated for domestic ground transportation when they meet the requirements of 49 CFR 171.4(c).
Special provisions	367, B1, B52, B131, IB3, T2, TP1, TP29
Packaging exceptions	150
Packaging non bulk	173
Packaging bulk	242
IATA	UN1263
UN Proper shipping name	Paint
Class	3
Subsidiary risk	-
Packing group	III
Environmental hazards	Yes
ERG Code	3L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
IMDG	UN1263
UN Proper shipping name	Paint
Class	3
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	III
Environmental hazards	
Marine pollutant	Yes
EmS	F-E, S-E
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Not regulated as dangerous goods.
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 Silicone 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	
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	
Octamethylcyclotetrasiloxane (556-67-2)	1.0 % One-Time Export Notification only.
CERCLA Hazardous Substance List (40 CFR 302.4)	
Distillates (petroleum), hydrotreated light (64742-47-8)	Listed
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)	
Quartz (SiO2) (14808-60-7)	Cancer Lung effects Immune system effects Kidney effects
Toxic Substances Control Act (TSCA)	All components of the mixture on the TSC 8(b) are designated “active”
SARA Section 304 Emergency Release Notification	Not regulated
SARA Section 302 Extremely Hazard Substances	Not listed
SARA Section 311/312 Hazard Classes	Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard – Skin corrosion or irritation

	Health hazard - Respiratory or skin sensitization Health hazard – Reproductive toxicity 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 Contains component(s) regulated under the Safe Drinking Water Act.

15.2 International regulations

No additional information available

15.3 US State regulations

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

California Proposition 65 - CRT: Listed date/Developmental toxin

Toluene (CAS 108-88-3) Listed: January 1, 1991

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Octamethylcyclotetrasiloxane (CAS 556-67-2)

Titanium Dioxide (CAS 13463-67-7)

Component	Carcinogenicity	Developmental toxicity	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Quartz (SiO2)	X				54 µg/day (inhalation); 41 µg/day (oral)	
Titanium dioxide (13463-67-7)	X				Not available	
Toluene (108-88-3)		X				7000 µg/day (oral)

Component	State or local regulations
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
Distillates (petroleum), hydrotreated light (64742-47-8)	U.S. - New Jersey - Right to Know Hazardous Substance List
Quartz (SiO2) (14808-60-7)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List; U.S. – Rhode Island - RTK (Right to Know) List
Titanium dioxide (13463-67-7)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List; U.S. – Rhode Island - RTK (Right to Know) List
Toluene (108-88-3)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: OTHER INFORMATION

Issue Date:	1/04/2020
Revision Date:	2/15/2024
Version #:	SFG-01-2

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

NFPA fire hazard: 3 - Materials with a flashpoint below 73°F and a boiling point greater than or equal to 100°F, or a flashpoint above 73°F and less than 100°F - Liquids and solids that can be ignited under almost all ambient temperature conditions. Example: gasoline.

NFPA reactivity:	0 - 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:	0

Disclaimer:	Notice to reader: Unless otherwise specified in section 1, IB Roof Systems products and ingredients listed herein are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection, or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives. Keep out of the reach of children.
Further Information:	The information and recommendations presented herein were obtained from sources which we believe are dependable, and we believe that the information is complete and accurate as of the date issued. However, NO WARRANTY OR REPRESENTATION IS EXPRESSED OR IMPLIED THAT THE INFORMATION PROVIDED HEREIN IS ACCURATE, COMPLETE OR REPRESENTATIVE. We assume no responsibility for injury to the user, buyer, the buyer's employees, or any third persons, if reasonable safety procedures are not followed. We also assume no responsibility for injury to the user, buyer, the buyer's employees, or any third persons, caused by abnormal use of this product, even if reasonable safety procedures are followed. Since conditions for use of this product are not under the control of the manufacturer, it is ultimately the buyer's/user's duty to determine the conditions necessary for the safe storage, use and disposal of this product. It is also the buyer's/user's responsibility to ensure its activities, including without limitation the storage, use and disposal of this product, comply with all applicable federal, state, provincial or local laws and local good practices. Legal and regulatory requirements are subject to change and may differ between various locations, so it is the buyer's/user's responsibility to review all such laws, rules, or regulations. If you have obtained this Safety Data Sheet from any source other than IB Roof Systems or if you are not sure that the Safety Data Sheet you have is current, please contact us for the most current version.