SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER
FRG-02
PRODUCT NAME
Rubberseal Liquid Rubber Dark Gray
MANUFACTURER'S NAME
INFLOW SOLUTIONS LLC
1248 Gordon Park Rd
AUGUSTA, GA 30901

PRODUCT INFORMATION www.inflowsolutions.com
INFORMATION (866) 607-6826
EMERGENCY (866) 607-6826

SECTION 2 — HAZARDS IDENTIFICATION

OSHA Regulatory Status:
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

HMIS Codes

Health	**1**
Flammability	**0**
Reactivity	**0**

GHS Pictograms:



Signal Word:
Warning
GHS Class:
Eye Irritant, Category 2.
Skin Irritant, Category 2.
Hazard Statements:
Causes eye and skin irritation.
Precautionary Statements:
Wear protective clothing, gloves, eye, and face protection.
Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling.
Take off contaminated clothing and wash it before reuse.
Dispose of unused contents, container, and other contaminated wastes in accordance with local, state, federal, and provincial regulations.
If in eyes: Rinse cautiously with water for several minutes and remove contacts if present and easy to do. Continue rinsing and get medical attention if eye irritation persists.
If on skin: Wash with plenty of soap and water.
If swallowed: Rinse mouth and get medical attention if you feel unwell.
ROUTES OF EXPOSURE
INHALATION of vapor or spray mist.
EYE or SKIN contact with the product, vapor or spray mist.
EFFECTS OF OVEREXPOSURE
EYES: Irritation.
SKIN: Prolonged or repeated exposure may cause irritation.
INHALATION: Irritation of the upper respiratory system.
In a confined area vapors in high concentration may cause headache, nausea or dizziness.
SIGNS AND SYMPTOMS OF OVEREXPOSURE
Redness and itching or burning sensation may indicate eye or excessive skin exposure.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.
CANCER INFORMATION
For complete discussion of toxicology data refer to Section 11.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

% by Weight	CAS Number	Ingredient	OSHA PEL	Cal/OSHA PEL 8-hour TWA (ST) STEL (C) Ceiling	ACGIH 2019 TLV 8-hour TWA (ST) STEL (C) Ceiling
1.0	107-21-1	Ethylene Glycol	Not established	(C)40 ppm (100 mg/m³)	(TWA)25 ppm (vapor fraction) (ST)50 ppm (vapor fraction)
5	13463-67-7	Titanium Dioxide	15 mg/m³ Total Dust	Particulates not otherwise regulated	10 mg/m³ Total Dust
20	1317-65-3	Calcium Carbonate	15 mg/m³ Total Dust 5 mg/m³ Respirable Fraction	5 mg/m³ Total Dust	5 mg/m³ Total Dust
1.0	7664-41-7	Ammonia	50 ppm 35 mg/m³	25 ppm (ST) 35 ppm	25 ppm (ST) 35 ppm
0.2	25265-77-4	Trimethyl Pentandiol Monoisobutyrate	NA	NA	NA
20.8	66402-68-4	Ceramic Micro Spheres	NA	NA	NA
30	Proprietary (non-hazardous)	Modified Acrylic Polymer	NA	NA	NA
20	7732-18-5	Water	NA	NA	NA
0.5	1314-13-2	Zinc Oxide	15 mg/m³ Total Dust 5 mg/m³ Respirable Fraction	10 mg/m³ Total Dust 5 mg/m³ Respirable Fraction	2 mg/m³ (ST) 10 mg/m³
1.5	1333-86-4	Carbon Black	3.5 mg/m³ Total Dust	3.5 mg/m³ Total Dust	3 mg/m³ (IHL)

SECTION 4 — FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area thoroughly with soap and water.
Remove contaminated clothing and launder before re-use.

INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

INGESTION: Do not induce vomiting. Get medical attention immediately.

SECTION 5 — FIRE FIGHTING MEASURES

FLASH POINT	LEL	UEL	FLAMMABILITY CLASSIFICATION
Not Applicable	Not Applicable	Not Applicable	Not Applicable

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.
During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.
Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area. Remove with inert absorbent. Keep in suitable closed containers for disposal. Prevent further leakage or spillage. Prevent product from entering drains, rivers or lakes. See Section 13 for disposal.

SECTION 7 — HANDLING AND STORAGE

STORAGE CATEGORY

Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally.
Keep out of the reach of children.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.
Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m3 (total dust), 3 mg/m3 (respirable fraction), OSHA PEL 15 mg/m3 (total dust), 5 mg/m3 (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	10.90 – 11.10 lb/gal (1306 - 1330 g/l)	**VOLATILE VOLUME**	59.0% +/-1%
SPECIFIC GRAVITY	1.31 – 1.33	**EVAPORATION RATE**	Slower than Ether
BOILING POINT	>212° F (>100° C)	**VAPOR DENSITY**	Heavier than Air
MELTING POINT	Not Available	**SOLUBILITY IN WATER**	44% +/-1% by Weight
		pH	8.2 - 8.8

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)

0.34 lb/gal	40.5 g/l	Less Water and Federally Exempt Solvents
0.16 lb/gal	18.9 g/l	Emitted VOC

VOLATILE ORGANIC COMPOUNDS (VOC - As Applied)

< 0.41 lb/gal	< 50 g/l	Less Water and Federally Exempt Solvents

SECTION 10 — STABILITY AND REACTIVITY

STABILITY — Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

SECTION 11 — TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

TOXICOLOGY DATA

CAS No.	Ingredient Name			
107-21-1	**Ethylene Glycol**			
		LC50 RAT Inhalation	6HR	2.5 mg/l
		LC50 RAT Oral		2,000 mg/kg
13463-67-7	**Titanium Dioxide**			
		LC50 RAT Oral		1,000 mg/kg
1314-13-2	**Zinc Oxide**			
		LC50 RAT Dust	4HR	> 5,700 mg/m^3
		LC50 RAT Oral		15,000 mg/m^3

SECTION 12 — ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

No data available.

SECTION 13 — DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.
Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

SECTION 14 — TRANSPORT INFORMATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

US Ground (DOT)

Not Regulated for Transportation.

Canada (TDG)

Not Regulated for Transportation.

IMO

Not Regulated for Transportation.

IMO

Not Regulated for Transportation.

IATA/ICAO

Not Regulated for Transportation.

SECTION 15 — REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT
107-21-1	Ethylene Glycol	1.0
1314-13-2	Zinc Compound	0.6

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SECTION 16 — OTHER INFORMATION

Notice:

WHILE THE INFORMATION AND RECOMMENDATIONS IN THIS PUBLICATION ARE TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF ACCURATE AT THE DATE OF PUBLICATION, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.
IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.
THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.
HAZARDS, TOXICITY AND BEHAVIOR OF THE PRODUCTS MAY DIFFER WHEN USED WITH OTHER MATERIALS AND ARE DEPENDENT UPON THE MANUFACTURING CIRCUMSTANCES OR OTHER PROCESSES. SUCH HAZARDS, TOXICITY AND BEHAVIOR SHOULD BE DETERMINED BY THE USER AND MADE KNOWN TO HANDLERS, PROCESSORS AND END USERS.