



# SAFETY DATA SHEET

Issue Date 20-Aug-2015

Revision Date 25-Jan-2019

Version 1

## 1. IDENTIFICATION

**Product identifier**

**Product Name** Rubberseal FR-07, FTR-07, Waterproofing and Protective Coating

**Other means of identification**

**Product Code** FR-07, FTR-07

**Synonyms** None

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Waterproofing Coating

**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Manufacturer Address**

Inflow Solutions LLC  
 4100 N Powerline Road  
 Pompano Beach, FL 33073-3083  
 Company Contact: Technical Services  
 Telephone Number: 866-607-6826  
 Web Site: www.inflowsolutions.com

**Emergency telephone number**

**Emergency Telephone** CHEMTREC: 800-424-9300

## 2. HAZARDS IDENTIFICATION

**Classification**

**GHS Regulatory Status**

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

Acute toxicity - Oral	Not classified
Acute toxicity - Dermal	Not classified
Acute toxicity - Inhalation (Gases)	Not classified
Acute toxicity - Inhalation (Vapors)	Not classified
Acute toxicity - Inhalation (Dusts/Mists)	Not classified
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Respiratory sensitization	Not classified
Skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration toxicity	Not classified

**GHS Label elements**

<b>Warning</b>		
<b>Hazard statements</b> Causes skin irritation Causes serious eye irritation May cause respiratory irritation		
		
<b>Appearance</b> paste	<b>Physical state</b> No information available	<b>Odor</b> Slight

**First-aid Measures**

**Inhalation**

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

**Skin Contact**

Take off immediately any contaminated clothing. If clothing sticks to the skin, do not remove. Wash affected areas with soap and flush with large amounts of tepid water for 15 to 20 minutes. Get medical advice / attention.

**Eye Contact**

Immediately flush eyes with large amounts of water for at least 15 minutes, including under the eyelids. Remove contact lenses, if present. Get medical advice / attention.

**Ingestion**

Do not induce vomiting. If conscious, have person drink plenty of water. Seek medical attention or contact poison control center immediately.

**Most Important Symptoms and Effects, Acute and Delayed**

Symptoms may not appear immediately. Fume may cause respiratory irritation; Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness and nose and throat pain. Fume May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision. Hot liquid product may cause serious thermal burns on direct contact.

**Immediate Medical Attention and Special**

**Treatment Special Instructions**

No attempt should be made to remove firmly adhering bitumen from the skin. If solvent treatment is used, it should be followed by washing with soap and water, then the application of a proprietary refatting agent or skin cleansing cream. Only medically approved solvents may be used to remove bitumen from burns, as other solvents could cause further skin damage.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

% by Weight	CAS Number	Ingredient	OSHA PEL	Cal/OSHA PEL 8-hour TWA (ST) STEL (C) Ceiling	ACGIH 2018 TLV 8-hour TWA (ST) STEL (C) Ceiling
60	8052-42-4	Asphalt (Bitumen)	Not established	5 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup> (inhalable particulate matter) [1999]
20	7732-18-5	Water	NA	NA	NA
18	Proprietary (non-hazardous)	Proprietary Polymer	NA	NA	NA
2	9004-62-0	Hydroxyethyl cellulose	NA	NA	NA

#### 4. FIRST AID MEASURES

##### Description of first aid measures

<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

##### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	No information available.
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##### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Treat symptomatically.
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#### 5. FIRE-FIGHTING MEASURES

##### **Extinguishing Media**

###### **Suitable Extinguishing Media**

SMALL FIRE: use DRY chemicals, foam, water spray or CO<sub>2</sub>. LARGE FIRE: use water spray, fog or foam.

###### **Unsuitable Extinguishing Media**

None known.

##### **Specific Hazards Arising from the Chemical**

Carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO<sub>x</sub>), sulphur oxides (SO<sub>x</sub>), sulphur compounds (H<sub>2</sub>S), smoke and irritating fumes as products of incomplete combustion.

##### **Special Protective Equipment and Precautions for Fire-fighters**

For small outdoor fires, portable fire extinguishers may be used, and self contained breathing apparatus (SCBA) may not be required. For all indoor fires and any significant outdoor fires, SCBA is required. Respiratory and eye protection are required for fire fighting personnel.

#### 6. ACCIDENTAL RELEASE MEASURES

##### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Ventilate closed spaces before entering them. Do not Touch or walk through spilled material. Isolate the area of the spill and restrict access.

##### **Environmental Precautions**

Do not allow into any sewer, on the ground or into any waterway.

##### **Methods and Materials for Containment and Cleaning Up**

For small spills, soak up released asphalt emulsion with inert absorbent material, remove with shovels and place spilled material into a container. Contain large spills with inert materials. Avoid using combustible absorbers such as sawdust. Transfer liquids and solid material to suitable containers for recovery or disposal. Do not allow spills and cleaning runoff to enter drains, sewers, groundwater, drainage ditches or surface waters. For waste disposal, see section 13 of the SDS.

#### 7. HANDLING AND STORAGE

##### Precautions for safe handling

<b>Advice on safe handling</b>	Handle in accordance with good industrial hygiene and safety practice.
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**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store between 40 Degrees Fahrenheit and 80 degrees Fahrenheit.

**Incompatible materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum Asphalt 8052-42-4	TWA: 0.5 mg/m <sup>3</sup> benzene soluble aerosol fume, inhalable fraction	-	Ceiling: 5 mg/m <sup>3</sup> fume 15 min

**Appropriate engineering controls**

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Safety glasses or goggles

**Skin and body protection** Protective clothing and gloves

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical state</b>	No information available	<b>Odor</b>	Slight
<b>Appearance</b>	paste	<b>Odor threshold</b>	No information available
<b>Color</b>	black		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	6-9	
Melting point / freezing point	No information available	
Boiling point / boiling range	> 100 °C	
Flash point	N/A	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	>1	

**Water solubility** No information available

**Solubility in other solvents** No information available

**Partition coefficient** No information available

**Autoignition temperature** No information available

Decomposition temperature No information available  
 Kinematic viscosity No information available  
 Dynamic viscosity No information available  
 Explosive properties No information available  
 Oxidizing properties No information available

**Other Information**

Softening point No information available  
 Molecular weight No information available  
 VOC Content (%) No information available  
 Density No information available  
 Bulk density No information available

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information** No data available

**Inhalation** May cause irritation.

**Eye contact** Severely irritating to eyes.

**Skin contact** Irritating to skin.

**Ingestion** No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	-	-
Petroleum Asphalt 8052-42-4	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** No information available.

Chemical Name	ACGIH	IARC	NTP	OSHA
Petroleum Asphalt 8052-42-4	-	Group 2B	-	X

**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** No information available.

#### Numerical measures of toxicity - Product Information

**ATEmix (oral)** 8,000.00  
**ATEmix (dermal)** 8,000.00  
**ATEmix (inhalation-gas)** 99,999.00  
**ATEmix (inhalation-dust/mist)** 20.00  
**ATEmix (inhalation-vapor)** 99,999.00

## 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

#### Persistence and degradability

No information available.

#### Bioaccumulation

No information available.

Chemical Name	Partition coefficient
Petroleum Asphalt 8052-42-4	>6

#### Other adverse effects

##### **Ozone**

No information available  
 Not applicable

## 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**International Inventories**

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Does not comply
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List  
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
 ENCS - Japan Existing and New Chemical Substances  
 IECSC - China Inventory of Existing Chemical Substances  
 KECL - Korean Existing and Evaluated Chemical Substances  
 PICCS - Philippines Inventory of Chemicals and Chemical Substances  
 AICS - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product can expose you to chemicals including air refined bitumen, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**U.S. State Right-to-Know Regulations****U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<b><u>NFPA</u></b>	Health hazards 1	Flammability 1	Instability 0	Physical and Chemical Properties -
<b><u>HMIS</u></b>	Health hazards 1	Flammability 1	Physical hazards 0	Personal protection X

Revision Date 25-Jan-2019

**Revision Note**

No information available

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.