



FVP RADIATOR STOP LEAK

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 07/12/18

Version: 1.1

1

Product form : Mixture
Trade name : FVP RADIATOR STOP LEAK 15 FL.OZ. Product
code : FVPRADSEAL-15

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Radiator Sealer

1.3. Details of the supplier of the safety data sheet

Factory Motor Parts
1380 Corporate Center Curve, Suite 200
Eagan, MN 55121
(866) 387-3343

1.4. Emergency telephone number

Emergency number : Infotrac 1-800-535-5053

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GHS-US classification

Skin Sens. 1 H317

Full text of H-phrases: see section 16

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GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H317 - May cause an allergic skin reaction

Precautionary statements (GHS-US) : P261 - Avoid breathing dust,fume,gas,mist,vapor spray

P272 - Contaminated work clothing must not be allowed out of the workplace P280 - Wear protective gloves,protective clothing,eye protection,face protection P302+P352 - If on skin: Wash with plenty of soap and water

P321 - Specific treatment: See section 4.1 on SDS

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

P363 - Wash contaminated clothing before reuse

P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

2

Other hazards not contributing to the classification

None under normal conditions.

2.4. Unknown acute toxicity (GHS US)

No data available

3

Not applicable

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Water	(CAS No) 7732-18-5	>= 95	Not classified
35/60 Mesh	(CAS No) Confidential	1 - 5	Not classified
Diatomaceous Earth, Uncalcined	(CAS No) 61790-53-2	1 - 5	Not classified
Acrylic Polymer	(CAS No) Confidential	< 1	Not classified
2,2',2''-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol	(CAS No) 4719-04-4	< 1	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317
DI - Water	(CAS No) 7789-20-0	< 1	Not classified

The exact percentage is a trade secret.

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4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow victim to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries	: If you feel unwell, seek medical advice. Symptoms/injuries after inhalation	: May cause an allergic skin reaction.
Symptoms/injuries after skin contact	: May cause slight irritation . May cause moderate irritation. Itching. Skin rash/inflammation.	
Symptoms/injuries after eye contact	: Irritation of the eye tissue. May cause slight eye irritation . Inflammation/damage of the eye tissue. Redness of the eye tissue.	
Symptoms/injuries after ingestion	: May be harmful if swallowed and enters airways.	

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray.
Sand. Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

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General measures	: Remove ignition sources.
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6.1.1. For non-emergency personnel

Protective equipment	: Gloves. Safety glasses.
Emergency procedures personnel.	: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection. Emergency procedures	: Equip cleanup crew with proper protection. Emergency procedures	: Ventilate area.
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6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment	: Dam up the liquid spill. Contain released substance, pump into suitable containers. Plug the leak, cut off the supply.
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

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protection
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7.1. Precautions for safe handling

Precautions for safe handling

: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing dust, fume, gas, mist, vapor spray.

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Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash affected areas thoroughly after handling. Wash contaminated clothing before reuse. Always wash hands after

handling the product. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Proper grounding procedures to avoid static electricity should be followed. Comply with applicable regulations.
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct

sunlight.

7.3. Specific end use(s)

Follow Label Directions.

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls	: Local exhaust ventilation, vent hoods . Ensure good ventilation of the work station. Personal protective equipment
	: Gloves. Safety glasses. Avoid all unnecessary exposure.

Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses. Skin and body protection
	: Wear suitable protective clothing.
Respiratory protection	: Wear appropriate mask.
Other information	: Do not eat, drink or smoke during use.

9.1. Information on basic physical and chemical

properties Physical state	: Liquid
Appearance	: Liquid.
Color	: Brown.
Odor	: Mild.
Odor threshold	: No data available pH
: No data available	Relative evaporation rate (butyl acetate=1)
: No data available	Melting point
: No data available	Freezing point
: No data available	Boiling point
: > 100 °C	
Flash point	: > 93.9 °C (Lowest
Component) Auto-ignition temperature	: No data available
Decomposition temperature	: 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	: 0.991

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Solubility : Soluble in water.

Log Pow : No data

available Log Kow : No data
available Log Kow Register / Vol. 77, No. 58 / Monday, March 22, 2010 / Rules and Regulations

available Viscosity, kinematic : No data

available Viscosity, dynamic : No data

available Explosive properties : No data

available Oxidizing properties : No data

available Explosion limits : No data

available

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VOC content : < 1 %

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No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Toxic fume. . Carbon monoxide. Carbon dioxide.

11.1. Information on toxicological effects

Acute toxicity : Not classified

Acrylic Polymer (Confidential)

LD50 dermal rabbit > 2000 mg/kg

2,2',2''-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol (4719-04-4)

LD50 oral rat 763 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value)

LD50 dermal rat > 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)

LC50 inhalation rat (mg/l) 0.371 mg/l/4h (Rat; Experimental value)

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitization : May cause an allergic skin
reaction. Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

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IARC group 3

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation : May cause an allergic skin reaction.

Symptoms/injuries after skin contact : May cause slight irritation . May cause moderate irritation. Itching. Skin rash/inflammation.

Symptoms/injuries after eye contact : Irritation of the eye tissue. May cause slight eye irritation . Inflammation/damage of the
eye

tissue. Redness of the eye tissue.

Symptoms/injuries after ingestion : May be harmful if swallowed and enters airways.

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Acrylic Polymer (Confidential)

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LC50 fish 1	10 - 100 mg/l based on component data freshwater fish.
EC50 other aquatic organisms 2	10 - 100 mg/l based on component data freshwater invertebrates.
2,2',2''-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol (4719-04-4)	
LC50 fish 1	16.07 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio; Static system; Fresh water; Experimental value)
EC50 Daphnia 1	11.9 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)

2,2',2''-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol (4719-04-4)

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EC50 Daphnia 2	8.75 mg/l (EC0; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)
Threshold limit algae 1	6.66 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Desmodesmus subspicatus; Static system; Fresh water; Experimental value)
Threshold limit algae 2	1.56 mg/l (NOEC; OECD 201: Alga, Growth Inhibition Test; 72 h; Desmodesmus subspicatus; Static system; Fresh water; Experimental value)

12.2. Persistence and degradability

JOHNSEN'S RADIATOR STOP LEAK 12 FL.OZ.

Persistence and degradability	Not established.
DI - Water (7789-20-0)	
Persistence and degradability	Not established.
Acrylic Polymer (Confidential)	
Persistence and degradability	Not established.
35/60 Mesh (Confidential)	
Persistence and degradability	Not established.
Diatomaceous Earth, Uncalcined (61790-53-2)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
2,2',2''-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol (4719-04-4)	
Persistence and degradability	Readily biodegradable in water.
Water (7732-18-5)	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

JOHNSEN'S RADIATOR STOP LEAK 12 FL.OZ.

Bioaccumulative potential	Not established.
DI - Water (7789-20-0)	
Bioaccumulative potential	Not established.
Acrylic Polymer (Confidential)	
Bioaccumulative potential	Not established.
35/60 Mesh (Confidential)	
Bioaccumulative potential	Not established.
Diatomaceous Earth, Uncalcined (61790-53-2)	
Bioaccumulative potential	No bioaccumulation data available.
2,2',2''-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol (4719-04-4)	
Log Pow	-4.67 (Calculated)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Water (7732-18-5)	
Bioaccumulative potential	Not established.

2,2',2''-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol (4719-04-4)

Log Koc log Koc,PCKOCWIN v1.66; 1; Calculated value; Koc; PCKOCWIN v1.66; 10; Calculated value

Other information : Avoid release to the environment.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations. . Avoid release to the environment.

Ecology - waste materials : Avoid release to the environment.

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In accordance with ADR / RID / IMDG / IATA / ADN

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US DOT (ground): Not Regulated,

ICAO/IATA (air): Not Regulated,

IMO/IMDG (water): Not Regulated,

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Proper Shipping Name (DOT) : Not Regulated

14.3. Additional information

Other information : No supplementary information available.

Overland transport

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

JOHNSEN'S RADIATOR STOP LEAK 12 FL.OZ.

SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
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Acrylic Polymer (Confidential)

SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
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CANADA

No additional information available

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

R43

Full text of R-phrases: see section 16

15.2.2. National regulations

No additional information available

15.3. US State regulations

JOHNSEN'S RADIATOR STOP LEAK 12 FL.OZ.

U.S. - California - Proposition 65 - Carcinogens List	No
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U.S. - California - Proposition 65 - Developmental Toxicity	No
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U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
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U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No
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DI - Water (7789-20-0)

<p>FVP RADIATOR STOP LEAK</p> <p>U.S. - California - Proposition 65 - Carcinogen List</p> <p>Safety Data Sheet</p> <p>according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Title and Regulations</p>	<p>U.S. - California - Proposition 65 - Developmental Toxicity</p>	<p>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</p>	<p>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</p>	<p>Non-significant risk level (NSRL)</p>
<p>No</p>	<p>No</p>	<p>No</p>	<p>No</p>	

Acrylic Polymer (Confidential)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	
35/60 Mesh (Confidential)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	
Diatomaceous Earth, Uncalcined (61790-53-2)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	
2,2',2''-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol (4719-04-4)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	
Water (7732-18-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	
Acrylic Polymer (Confidential)				
State or local regulations				
U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)				

Other information :

None. Full text of H-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Skin Sens. 1	Skin sensitization Category 1
H302	Harmful if swallowed
H317	May cause an allergic skin reaction

NFPA health hazard

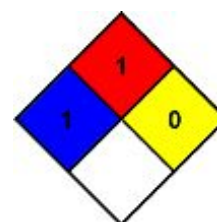
: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard

: 1 - Must be preheated before ignition can occur.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 1 Slight Hazard

Physical : 0 Minimal

Hazard Personal Protection : B

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The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500

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and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product

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