FORMULA FIVE Mold Sealer

Safety Data Sheet
according to OSHA HCS and GHS - Canada WHMIS 2015

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SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product form : Mixture
Trade name : FORMULA FIVE Mold Sealer

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

Relevant identified uses : Mold sealer

1.3 Details of the supplier of the safety data sheet

Company : REXCO
P.O. Box 80996
Conyers, GA 30013
U.S.A.

Telephone : 1-770-483-7610
Fax : 1-770-483-8550
Email : info@rexco-usa.com
Website : www.rexco-usa.com

1.4 Emergency telephone number

Chemtrec (24 hours/day) : 1-800-434-9300 (USA and Canada)
: 1-703-527-3887 (international; collect calls accepted)

SECTION 2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to OSHA-HCS and GHS-Canada WHMIS 2015

Flam. Liq. 2	H225	Highly flammable liquid and vapour
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways
Skin Irrit. 2	H315	Causes skin irritation
STOT SE 3	H336	May cause drowsiness or dizziness
Muta. 1B	H340	May cause genetic defects
Carc. 1B	H350	May cause cancer
Aquatic Acute 1	H400	Very toxic to aquatic life
Aquatic Chronic 1	H410	Very toxic to aquatic life with long lasting effects

See section 16 for full text of H-phrases.

2.2 Label elements

Labeling according to the Globally Harmonized System (GHS)
Pictograms

Signal word : **Danger**

Hazard statements

H225 Highly flammable liquid and vapour

H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H350	May cause cancer
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
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 and bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P312	Call a POISON CENTER/doctor/…if you feel unwell.
P321	Specific treatment (see on this label).
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P370 + P378	In case of fire: See Section 5.2 for extinguishing media.
P391	Collect spillage.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Material does not meet the criteria for PBT or vPvB in accordance with REACH Annex XIII.

SECTION 3. Composition/information on ingredients

3.1 Substances

Not applicable. This material is not defined as a substance.

3.2 Mixtures

This material is defined as a mixture.

Components contributing to the classification of this material	**%**
Heptane	25 - 50
CAS No. 142-82-5	
EC No. 205-563-8	
Flam. Liq. 2, H225	
Asp. Tox. 1, H304	
Skin Irrit. 2, H315	

STOT SE 3, H336
Aquatic Acute 1
Aquatic Chronic 1

Naphtha (petroleum), light alkylate CAS No. 64741-66-8 EC No. 265-068-8 Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411	25 - 50
Naphtha (petroleum), heavy alkylate CAS No. 64741-65-7 EC No. 265-067-2 Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 4, H413	10 - 25
Trade secret CAS No. -- EC No. -- Acute Tox. 4 , H302	2.5 - 10

Components not listed are either non-hazardous or are below reportable limits. Concentrations are in percent by weight.

SECTION 4. First aid measures

General information
Do not leave victim unattended. Show this safety data sheet to doctor in attendance. Conduct medical observation for at least 48 hours after accidental exposure as symptoms of poisoning may occur several hours after initial exposure.

4.1 Description of first aid measures

Inhalation
Provide fresh air if light-headed or having difficulty breathing. Provide artificial respiration if needed. If difficulty breathing persists, seek medical attention. If unconscious, place victim on their side for transport to medical facility.

Skin
Remove contaminated clothing and wash affected area with soap and warm water. If irritation persists, seek medical attention. Launder contaminated clothing and shoes prior to reuse.

Eyes
Flush immediately with cold water for 15 minutes. Remove contact lenses. Keep eye wide open while rinsing. Get prompt medical attention.

Ingestion
Seek immediate medical attention. Do not induce vomiting. If spontaneous vomiting occurs keep victim’s head below hips to prevent aspiration into lungs. Do not leave individual unattended.

4.2 Most important symptoms and effects, both acute and delayed
No data available

4.3 Indication of any immediate medical attention and special treatment
Treat symptomatically. Seek immediate medical attention if ingested.

SECTION 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
Standard procedure for chemical fires. Use dry chemicals, carbon dioxide, water fog, water spray, or alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media
Water may be unsuitable as an extinguishing media but helpful in keeping adjacent areas cool. Avoid spreading burning liquid with water used for cooling purposes. Do not use water jet.

5.2 Special hazards arising from the substance or mixture
None inherent to this product.

Hazardous decomposition products formed during combusion
Carbon oxides, hydrocarbons, aldehydes

5.3 Advice for firefighters
Evacuate area. Firefighters should use standard protective equipment and should use self-contained breathing apparatus in enclosed spaces. Use water spray to cool surfaces exposed to fire and to protect personnel.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Ensure adequate ventilation. Keep sources of ignition and hot metal surfaces isolated from spill.

6.2 Environmental precautions
Prevent product from entering drains, waterways, sewers, and soil. Stop spill at source and prevent further leakage or spillage if safe to do so. Notify proper authorities if product enters sewers or public waters.

6.3 Methods and material for containment and cleaning up
Flush spilled material into suitable retaining areas or containers. Small amounts of spilled material may be absorbed with standard absorbent such as sand, vermiculite, or diatomaceous earth. Confine spill and place into suitable closed container for disposal. Dispose of in accordance with regional, national, and local laws and regulations.

6.4 Reference to other sections
Section 7: safe handling. Section 8: personal and protective equipment. Section 10: incompatible materials. Section 13: disposal information. Section 16: full text of abbreviations.

SECTION 7. Handling and storage

7.1 Precautions for safe handling
Use in a well ventilated area or use appropriate respirator when ventilation is inadequate. Do not breathe vapor. Wear personal protective clothing and equipment as indicated in Section 8. Eliminate all sources of ignition. Use explosion-proof equipment. Do not ingest. Use good industrial hygiene practices in handling this material. Do not smoke, eat or drink while using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and leaving work. Clean up spills as soon as they occur. Empty containers may contain residual amounts of this product and should be handled with care. Do not reuse containers.

7.2 Conditions for safe storage, including any incompatibilities
Store in accordance with local regulations. Store in a dry, cool and well-ventilated area away from direct sunlight. Avoid freezing. Store away from incompatible materials (see Section 10) and food and drink. Store in original container. Keep container tightly closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Provide appropriate fire extinguishers and spill cleanup equipment in or near storage area. Keep unauthorized personnel away.

7.3 Specific end uses
See section 1.2

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring:

Heptane
CAS No. 142-82-5
EC No. 205-563-8

	LTEL - 8 hours		STEL - 15 minutes	
	ppm	mg/m^3	ppm	mg/m^3
Australia	400	1640	500	2050
Austria	500	2000	2000	8000
Belgium	400	1664	500	2085
Canada - Ontario	400		500	
Canada - Québec	400	1640	500	2050
Denmark	200	820	400	1640
Finland	300	1200	500	2100
France	400	1668	500	2085
Germany (AGS)	500	2100	500	2100
Germany (DFG)	500	2100	500	2100
Hungary		2000		8000
Ireland	500	2085		
Italy	500	2085		
Japan (JSOH)	200	820		
Latvia	85	350	500	2085
New Zealand	400	1640	500	2050
People's Republic of China		500		1000
Romania	500	2085		
South Korea	400	1600	500	2000
Sweden	200	800	300	1200
Switzerland	400	1600	400	1600
The Netherlands		1200		1600
Turkey	500	2085		
USA (ACGIH)	400	1640	500	2050
USA (NIOSH)	85	350	440	1800
USA (OSHA)	500	2000		
United Kingdom	500			

Ingredients with biological monitoring guidance values (BMGV) and/or biological exposure index (BEI):
Contains no substances with biological monitoring guidance values.

8.2 Exposure controls

Engineering controls
Provide adequate local exhaust ventilation. Use explosion-proof electrical/ventilating/lighting equipment. Maintain eye wash fountain and safety shower in work area.

Personal protective equipment

General protective and hygenic measures
Do not eat, drink, or smoke while using. Wash hands before breaks and at the end of workday. Immediately remove all soiled or contaminated clothing.

Eye and face protection
Chemical safety glasses with side shields, goggles or face shield are recommended. Eye wash stations are recommended for the work area.

Skin and body protection
Wear chemical resistant clothing and shoes. Safety showers are recommended for the work area.

Respiratory protection
Provide sufficient general and/or local exhaust. If engineering controls are not sufficient to protect worker health use a half-face filter respirator approved under applicable regulatory standards.

Hand protection
Wear chemical resistant impervious gloves. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves.

Environmental controls
Prevent product from entering drains. Stop spill at source and prevent further leakage or spillage if safe to do so. If product contaminates rivers and lakes or drains, notify proper authorities.

SECTION 9. Physical and chemical properties

Physical state	: Liquid
Physical form	: Liquid
Colour	: Pale Yellow
Odour	: Solvent
Odour threshold	: No data available
Melting point	: No data available
Freezing point	: No data available
Initial boiling point and boiling range	: 90 °C (194 °F)
Flammability	: Flammable liquid
Upper flammability limit	: No data available
Lower flammability limit	: No data available
Flash point	: 11 °C (51 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
pH	: No data available
Viscosity	: < 15 cP
Solubility (water)	: Not soluble
Partition coefficient n-octanol/water (log value)	: No data available
Vapour pressure	: No data available
Relative density at 24 °C (water = 1)	: 0.71 - 0.75
Volatile organic compounds (VOC)	
VOC - actual	: 729 g/L
VOC less water & exempt solvents	: 729 g/L

SECTION 10. Stability and reactivity

10.1 Reactivity
Not reactive under normal conditions of use.

10.2 Chemical stability
Stable under normal conditions of use.

10.3 Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid
Avoid heat, sparks, open flames, hot surfaces, or other sources of ignition.

10.5 Incompatible materials
Oxidizing agents, acids, bases, strong reducing agents

10.6 Hazardous decomposition products
Carbon oxides, hydrocarbons, aldehydes

SECTION 11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity : Not classified

LD/LC50 values that are relevant for classification:

Naphtha (petroleum), light alkylate
CAS No. 64741-66-8
EC No. 265-068-8

Oral	LD50	rat	> 5000 mg/kg
Dermal	LD50	rabbit	> 2000 mg/kg
Inhalative	LC50	rat	22 mg/l/4h

Naphtha (petroleum), heavy alkylate
CAS No. 64741-65-7
EC No. 265-067-2

Oral	LD50	rat	> 6000 mg/kg
Dermal	LD50	rabbit	> 3000 mg/kg
Inhalative	LC50	rat	7.8 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : May cause drowsiness or dizziness.
STOT-repeated exposure : Not classified
Aspiration hazard : May be fatal if swallowed and enters airway

SECTION 12: Ecological information

12.1 Toxicity : Aquatic toxicity:
Naphtha (petroleum), light alkylate
CAS No. 64741-66-8
EC No. 265-068-8
LL50 | 18.4 mg/l (Oncorhynchus mykiss (rainbow trout))

12.2 Persistence and degradability : No data available
12.3 Bioaccumulative potential : No data available
12.4 Mobility in soil : No data available
12.5 Other adverse effects : Hazardous for water. Dangerous to drinking water even in small quantities. Very toxic to fish and aquatic organisms.
12.6 General notes : No data available

SECTION 13. Disposal considerations

13.1 Waste treatment methods
Dispose of in accordance with regional, national, and local laws and regulations.

Material disposal : Do not dispose of waste into sewer. Do not contaminate ponds, waterways, or ditches with product or used container. Send to a licensed waste management company.

Container disposal : Do not dispose of waste into sewer. Do not contaminate ponds, waterways, or ditches with product or used container. Send to a licensed waste management company.

SECTION 14. Transport information

14.1 UN number
UN1866

14.2 UN proper shipping name

DOT : RESIN SOLUTION
ADR : RESIN SOLUTION, ENVIRONMENTALLY HAZARDOUS
IMDG : RESIN SOLUTION (heptanes, naphtha (petroleum), light alkylate), MARINE POLLUTANT
IATA : RESIN SOLUTION

14.3 Transport hazard class

3

14.4 Packing group

II

14.5 Environmental hazards

MARINE POLLUTANT

14.6 Special precautions for user

EmS: F-E, S-E
Stowage category: B
Kemler code: 33

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

14.8 Additional information

Limited Quantity: 1.0 L
Limited Quantity: 1.0 L
Tunnel code: D/E

SECTION 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No information available for this material. Information provided is for components.

OSHA Hazard Communication Standard

This material is hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200

Superfund Amendments and Reauthorization Act (SARA)

SARA 302 Components

No data available

SARA 311/312 Hazard Categories

No information available for this material. Information provided is for components.

SARA 313 Components

All components are listed.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

No chemicals in this material are subject to the reporting requirements of CERCLA.

California Proposition 65

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

This product contains the following Right to Know components:

Component	**U.S. State Right to Know list**
Heptane (CAS No. 142-82-5)	: Massachusetts, New Jersey, Pennsylvania
Benzene (CAS No. 71-43-2)	: Massachusetts, New Jersey, Pennsylvania

Regulation (EC) No 1907/2006, Title VII, Article 57 - Substances of Very High Concern (SVHC)
No components of this material are listed.

Regulation (EC) No 1907/2006, Annex XIV - List of Substances Subject to Authorization
No components of this material are listed.

Regulation (EC) No 1907/2006, Annex XVII - Restrictions of Certain Dangerous Substances, Mixtures and Articles
Conditions of restriction: 3

International Agency for Research on Cancer (IARC)
This product contains the following chemicals classified by IARC as carcinogenic:
Benzene
CAS No. 71-43-2
EC No. 200-753-7
Group 1

Toluene
CAS No. 108-88-3
EC No. 203-625-9
Group 3

Chemical inventories
Components are listed or exempted from listing on the following chemical inventories:

AICS	Australian Inventory of Chemical Substances
DSL / NDSL	Domestic Substances List / Non-Domestic Substances List
EINECS	European Inventory of Existing Commercial Chemical Substances
ENCS	Existing and New Chemical Substances
IECS	Inventory of Existing Chemical Substances Produced or Imported in China
KECI	Korea Existing Chemicals Inventory
NZIoC	New Zealand Inventory of Chemicals
PICCS	Philippine Inventory of Chemicals and Chemical Substances
TCSI	Taiwan Chemical Substance Inventory
TSCA	Toxic Substances Control Act

15.2 Chemical safety assessment
A chemical safety assessment has not been carried out for this product.

SECTION 16. Other information

DISCLAIMER: The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. REXCO MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether this product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate this product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
Acute Tox. 4	Acute toxicity - Category 4
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
AGS	Committee on Hazardous Substances
Aquatic Acute 1	Acute aquatic toxicity - Category 1
Aquatic Chronic 1	Chronic aquatic toxicity - Category 1
Aquatic Chronic 2	Chronic aquatic toxicity - Category 2
Aquatic Chronic 4	Chronic aquatic toxicity - Category 4
Asp. Tox. 1	Aspiration hazard - Category 1
CAS	Chemical Abstract Service
DFG	German Research Foundation

DOT	U.S. Department of Transportation
EC	European Community
EmS	Emergency Response Procedures for Ships Carrying Dangerous Goods
Flam. Liq. 2	Flammable liquids - Category 2
Flam. Liq. 3	Flammable liquids - Category 3
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
JSOH	Japanese Society for Oral Health
LC50	Lethal concentration, 50 percent
LD50	Lethal does, 50 percent
LTEL	Long term exposure limit
NIOSH	National Institute for Occupational Safety and Health
OSHA	U.S. Occupational Safety and Health Administration
OSHA HCS	U.S. Occupational Safety and Health Administration Hazard Communication Standard
PBT	Persistent, Bioaccumalative and Toxic
Skin Irrit. 2	Skin corrosion/irritation - Category 2
STEL	Short term exposure limit
STOT SE 3	Specific target organ toxicity (single exposure) - Category 3
vPvB	very Persistent and very Bioaccumulative