

FLEX FILLER

Product: 134.796

Revision date: 2021/07/05

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product name: FLEX FILLER.

Synonyms: None

Chemical family: Not available.

Product uses: Filler.

Supplier: CarWorx Distribution Inc.
3800 Transcanada Hwy
Pointe-Claire, Quebec, Canada
H9R 1B1.

Manufacturer emergency phone number: Canutec 613-996-6666.

Information phone number: 514-745-5959 (1-877-745-5959).

Section 2: HAZARD IDENTIFICATION

GHS Classification

Health Hazard Class(es): Skin sensitizer, category 1.
Skin corrosion/irritation, category 2 Irritant.
Reproductive toxicity, category 2.
Specific target organ toxicity following repeated exposure, category 1.
Serious eye damage/eye irr, cat 2.

Physical Hazard Class(es): Flammable liquid, category 3.

Environmental Hazard Class(es): No environmental hazard class.

GHS Label Elements

Symbol:



Signal word: DANGER.

Hazard statement(s): H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H361 Suspected of damaging fertility or the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.

Precautionary statement(s): P201 Obtain special instructions before use.
P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national regulations.

Other hazard(s): Not available.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	EINECS#
100-42-5	10-20	STYRENE	202-851-5
108-31-6	0.001-0.1	MALEIC ANHYDRIDE	
2687-91-4	0.1-0.3	N-ETHYLPYRROLIDONE	
68186-91-4	1-10	COPPER CHROMITE SPINEL	
91-99-6	0.1-1	M-TOLYL DIETHANOLAMINE	

Section 3A: ADDITIONAL INGREDIENT INFORMATION

Supplier's LD50 and LC50 values: CAS# 100-42-5: LD50 > 2000 mg/kg rat dermal.

Section 4: FIRST AID MEASURES

Skin contact: Wash thoroughly with soap and water.
If irritation occurs, consult a physician.
Remove contaminated clothing and shoes.

Eye contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Get prompt medical attention.
Check for and remove contact lenses.

Inhalation: Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.
Keep person warm and at rest.

Ingestion: Obtain immediate medical attention.
Do not induce vomiting.
Never give anything by mouth to an unconscious person.

Section 5: FIRE FIGHTING MEASURES

Flammability: Flammable.

Extinguishing media: Carbon dioxide.
Dry powder.
Water spray.
Alcohol-resistant foam.
Do not use direct water jet.

Conditions of flammability: Heat, sparks and open flames.

Special procedures: Firefighters should wear adequate protective gear.
Positive pressure self-contained breathing apparatus required and full protection to prevent skin contact.
Use water spray to cool fire exposed containers.
Collect contaminated fire fighting water separately. It must not enter the sewage system.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Sensitivity to static discharge: Not available.

Sensitivity to mechanical impact: Not available.

Rate of burning: Not available.

Hazardous combustion products: Oxides of carbon (CO, CO₂).
Smoke
Toxic fumes.
Unburned hydrocarbons.
Incomplete combustion products.

Section 6: ACCIDENTAL RELEASE MEASURES

Leak/Spill: Eliminate all sources of heat and ignition.
Sweep up.
Evacuate all non-essential personnel.
Prevent entry into drains, sewers, and other waterways.
Avoid all personal contact.
Wear appropriate protective equipment.
Do not flush area with water.
Caution: floor may be slippery.
Place in appropriate container for disposal.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Prevent the formation of vapor/air mixtures.

Section 7: HANDLING AND STORAGE

Handling procedures: Keep away from heat, sparks, and open flame.
Use adequate ventilation.
Wash thoroughly after using, particularly before eating or smoking.
Equipment must be grounded to prevent static sparks.
Avoid static discharge.
Avoid smoking in area of use.
Avoid contact with skin, eyes and clothing.
Do not eat, drink or smoke in handling area.
Use with explosion proof equipment.

Storage procedures: Keep away from heat, sparks, and open flames.
Avoid static electricity - ground containers when transferring product.
Keep out of direct sunlight.
Store below 30°C.
Store away from oxidizing materials.
Store in original container.
Store in a cool, dry and well ventilated area.
Store away from food.
Store in tightly sealed containers.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves/Type: Fluorocarbon rubber.
Do not use PVC gloves.
Do not use nitrile gloves.
Do not use natural rubber gloves.
Do not use butyl rubber.

Respiratory/Type: Approved air purifying respirator for vapors.
In case of brief exposure or low pollution use respiratory filter device.

Eye/Type: Safety glasses with side-shields.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: Wear adequate protective clothes.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: Local exhaust and/or general ventilation.
To maintain exposure below TLV.

Exposure limit of material: No exposure limit established for the product.

C.A.S.	Ingredient Name	T.L.V.	OSHA-PEL TWA	STEL	ACGIH-TLV TWA	STEL	NIOSH STEL
100-42-5	STYRENE	20 PPM	100 PPM	430 MG/M3	20 PPM	250 PPM	1080 MG/M3
108-31-6	MALEIC ANHYDRIDE	0.1 PPM	0.25 PPM				
2687-91-4	N-ETHYLPYRROLIDONE	NOT AVAILABLE					
68186-91-4	COPPER CHROMITE SPINEL	NOT AVAILABLE					
91-99-6	M-TOLYL DIETHANOLAMINE	NOT AVAILABLE					

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Paste

Appearance & odor: Dark grey.
Characteristic odour.

Odor threshold (ppm): Not available.

pH: Not available.

Melting point (°C): Not available.

Initial boiling point/Boiling range (styrene).
(°C): 145°C.

Freezing point (°C): Not available.

Flash point (°C), method: (styrene).
31°C (88°F).

Auto-ignition temperature (°C): (styrene).
490°C (1,013 hPa).

Explosive power: Not explosive, however formation of explosive air/vapour mixtures are possible.

Lower explosive limit: 1.1%
(styrene).

Upper explosive limit: 6.1%
(styrene).

Vapour pressure (mmHg): @ 20°C (68°F).
(styrene).
6.67 hPa.

By weight: Not available.

Specific gravity @ 20 °C: Not available.

Density: @ 20°C.
~ 1.9 g/cm³.

Relative density: Not available.

Vapour density (air=1): Not available.

Evaporation rate
(butyl acetate = 1): Not available.

Solubility in water (%): Insoluble.
(styrene).
0.32 g/l @ 25°C (77°F).

Coefficient of water/oil dist.: Not available.

VOC: Not available.

Solid content: Not available.

Section 10: STABILITY AND REACTIVITY

Chemical stability: Product is stable under normal handling and storage conditions.

Conditions of instability: Heat, sparks & open flame.
All ignition sources.
Direct sunlight.

Hazardous polymerization: May occur.
Exothermic.

Incompatible substances: Strong acids.
Oxidizing agents.
Peroxides.
Reactive metals.
Copper (Cu).
Copper alloys.
Brass
Polymerization initiators.
Radical forming starting agents.

Hazardous products of decomposition: Toxic gases.
Toxic fumes.

Section 11: TOXICOLOGICAL INFORMATION

Effects of Acute Exposure

Route of entry: Skin contact, eye contact, inhalation and ingestion.

Eye contact: Causes serious eye irritation.

Skin contact: May cause allergic reaction.
Irritant.

Skin absorption: Not available.

Inhalation: Not available.

Ingestion: Not available.

Effects of chronic exposure: Causes damage to organs through prolonged or repeated exposure.

Sensitization to product: May cause allergic skin reaction.

Carcinogenic effects: Not available.

Reproductive effects: Suspected of damaging the unborn child.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: Not available.

LD50 of product, species & route: No LD50 value established for the product.

LC50 of product, species & route: No LC50 value established for the product.

Ingredients:

C.A.S.	Ingredient Name	LD/50	LC/50
100-42-5	STYRENE	2650 MG/KG RAT ORAL 316 MG/KG MOUSE ORAL	11800 MG/M3/4H RAT INHALATION 9500 MG/M3/4H MOUSE INHALATION 21000 MG/M3/2H MOUSE INHALATION
108-31-6	MALEIC ANHYDRIDE	400 MG/KG RAT ORAL 465 MG/KG MOUSE ORAL 875 MG/KG RABBIT ORAL 2620 MG/KG RABBIT DERMAL	NOT AVAILABLE
2687-91-4	N-ETHYLPYRROLIDONE	1350 MG/KG RAT ORAL	NOT AVAILABLE
68186-91-4	COPPER CHROMITE SPINEL	NOT AVAILABLE	NOT AVAILABLE
91-99-6	M-TOLYL DIETHANOLAMINE	3100 MG/KG RAT ORAL	NOT AVAILABLE

Section 12: ECOLOGICAL INFORMATION

Environmental fate: No data at this time.

Environmental toxicity: Harmful to aquatic life with long lasting effects.

Section 13: DISPOSAL CONSIDERATIONS

Waste disposal: Do not dispose in sewers.
Do not dispose of with normal garbage.

Section 14: TRANSPORT INFORMATION

TDG classification: RESIN SOLUTION
UN1866
Class 3
PG III.

DOT: RESIN SOLUTION
UN1866
Class 3
PG III.

ICAO/IATA: RESIN SOLUTION
UN1866
Class 3
PG III.

IMDG: RESIN SOLUTION
UN1866
Class 3
PG III.

Special instructions: Not available.

Marine Pollutant: Not available.

Section 15: REGULATORY INFORMATION

DSL status: The substance(s) listed in the ingredients section appear on the Domestic Substances List.

CERCLA reportable quantity: Styrene (100-42-5) 1000 lbs.
Maleic Anhydride (108-31-6) - 5000 lbs.

TSCA inventory: All components of this product are listed on the TSCA inventory.

SARA Section 313: Styrene (100-42-5).
Maleic anhydride (108-31-6).

SARA hazard categories sections Immediate (Acute) Health Hazard: Yes.
311/312: Delayed (Chronic) Health Hazard: Yes.
Fire Hazard: Yes.
Sudden Release of Pressure: No.
Reactive: No.

CA Proposition 65: This product contains a chemical known to the State of California to cause cancer or birth defects or other reproductive harm.
Styrene (100-42-5).

Health Hazard: 2

Flammability: 3

Physical hazard: 0

NFPA Health Hazard: 2

NFPA Flammability: 3

NFPA Reactivity: 0

NFPA:



Section 16: OTHER INFORMATION

Data prepared by: Conform-Action Data Systems
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