

844 LIQUID PUTTY

Product: 138.844

Revision date: 2020/07/13

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product name: 844 LIQUID PUTTY.

Synonyms: None

Chemical family: Mixture.

Product uses: Body filler.

Recommended restrictions on use: For use in industrial installations or professional treatment only.

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 corrosion/irritation, category 2 Irritant.
Reproductive toxicity, category 2.
Specific target organ toxicity following single exposure, category 3.
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.
H319 Causes serious eye irritation.
H335 May cause respiratory 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.
P271 Use only outdoors or in a well-ventilated area.
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	20-25	STYRENE	202-851-5
130-15-4	0.025-0.1	1,4-NAPHTHALENE DIONE	
14807-96-6	10-20	TALC	238-877-9

Section 3A: ADDITIONAL INGREDIENT INFORMATION

Supplier's LD50 and LC50 values: CAS# 100-42-5: LC50 24 mg/l/4h rat inhalation.

Section 4: FIRST AID MEASURES

Skin contact: Immediately flush skin with plenty of water and soap for 15 minutes while removing contaminated clothing and shoes.
Seek medical attention if irritation persists.

Eye contact: Immediately flush eyes with running water for a minimum of 15 minutes. Hold eyelids open during flushing. Obtain medical attention immediately.
Check for and remove contact lenses.

Inhalation: Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.

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

Section 5: FIRE FIGHTING MEASURES

Flammability: Flammable.

Extinguishing media: Carbon dioxide.
Dry powder.
Water jet.
Do not use high pressure water jet.

Conditions of flammability: Heat, sparks and open flames.

Special procedures: Firefighters should wear the usual protective gear.
Use water to cool exposed containers.
Prevent from entering sewers or waterways.
Wear a self contained breathing apparatus.

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
Unburned hydrocarbons.

Section 6: ACCIDENTAL RELEASE MEASURES

Leak/Spill: Eliminate all sources of heat and ignition.
Evacuate all non-essential personnel.
Ventilate area.
Avoid skin and eye contact.
Wear appropriate protective equipment.
Do not flush area with water.
Place in a closed container for disposal.
Sweep up immediately to eliminate slipping hazard.
Soak up with inert absorbent.
Notify the appropriate authorities as required.
Do not flush to sewer.
Do not eat, drink or smoke while cleaning up.

Section 7: HANDLING AND STORAGE

Handling procedures: Keep away from heat, sparks, and open flame.
Avoid breathing vapors/mists.
Use adequate ventilation.
Wear personal protective equipment appropriate to task.
Wash thoroughly after handling.
Use non-sparking tools.
Use proper grounding procedures.
Avoid contact with skin, eyes and clothing.
Keep work clothes separate from street clothing.
Do not eat, drink or smoke in handling area.
Use with explosion proof equipment.
Launder contaminated clothing prior to reuse.

Storage procedures: Keep out of direct sunlight.
Keep away from ignition sources.
Store below 30°C.
Keep containers tightly closed.
Store away from oxidizing materials.
Store in a cool, dry and well ventilated area.
Store away from food, drink and animal feed.
Keep away from children.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves/Type: Fluorocarbon rubber.
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Respiratory/Type: If TLV is exceeded, a NIOSH respirator is advised or self-contained breathing apparatus.
In case of brief exposure or low pollution use respiratory filter device.
In case of intensive or longer exposure use self-contained respiratory protective device.

Eye/Type: Safety glasses with side-shields.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: Long sleeve shirt, long trousers.
As required to prevent skin contact.

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

Ventilation requirements: To maintain exposure below TLV.
Adequate ventilation.

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

Ingredients:

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
130-15-4	1,4-NAPHTALENEDIONE	NOT AVAILABLE					
14807-96-6	TALC	2 MG/M3	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Paste

Appearance & odor: Characteristic odour.
Beige

Odor threshold (ppm): Not available.

pH: Not available.

Melting point (°C): Not available.

Initial boiling point/Boiling range (1.013 hPa):
(°C): 145°C

Freezing point (°C): Not available.

Flash point (°C), method: 31°C

Auto-ignition temperature (°C): 490°C (914°F).

Explosive power: Container explosion may occur when heated.
Vapours may form explosive mixture in air.
Exothermic polymerization may occur.

Lower explosive limit: 1.1%

Upper explosive limit: 6.1%

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

Specific gravity @ 20 °C: Not available.

Density: @ 20°C.
~1.1 g/cm3.

Relative density: Not available.

Vapour density (air=1): Not available.

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

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

Coefficient of water\oil dist.: Not available.

Viscosity: Not available.

VOC: Not available.

Solid content: Not available.

Section 10: STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.

Conditions of instability: Heat, sparks & open flame.
Avoid sunlight.

- Hazardous polymerization:** May occur.
Exothermic.
- Incompatible substances:** Strong acids.
Oxidizing agents.
Peroxides.
Reactive metals.
Copper (Cu).
Copper alloys.
Brass
Polymerization initiators.
Other radical components.
- Hazardous products of decomposition:** Toxic gases.

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: Causes skin irritation.

Inhalation: May cause respiratory irritation.

Ingestion: Not available.

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

Sensitization to product: Not available.

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
130-15-4	1,4-NAPHTALENEDIONE	190 MG/KG RAT ORAL 202 MG/KG RAT DERMAL	NOT AVAILABLE
14807-96-6	TALC	NOT AVAILABLE	NOT AVAILABLE

Section 12: ECOLOGICAL INFORMATION

Environmental fate: Not available.

Environmental toxicity: Styrene:
Toxicity to fish:
LC50 (Fish): 9 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates:
EC50 (Daphnia): 4.7 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae:
EC50 (Algae): 1.4 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201 .

Section 13: DISPOSAL CONSIDERATIONS

Waste disposal: In accordance with municipal, provincial and federal regulations.
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: No

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.
1,4-naphthoquinone (130-15-4) - 5000 lbs.

TSCA inventory: The substance(s) which appear in section 2, with CAS numbers, appear on the TSCA inventory list.

SARA Section 313: Styrene (100-42-5).

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: 2

Physical hazard: 0

NFPA Health Hazard: 2

NFPA Flammability: 2

NFPA Reactivity: 0

NFPA:



Section 16: OTHER INFORMATION

Data prepared by: Conform-Action Data Systems
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