

OPTIMUM PREMIUM BODYFILLER

Product: 139.858

Revision date: 2016/01/25

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product name: OPTIMUM PREMIUM BODYFILLER.

Synonyms: None

Chemical family: Not available.

Product uses: Putty
Bodywork repair.

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

Supplier: CarWorx Distribution Inc.
165 Graveline
Ville St-Laurent, Quebec
H4T 1R3.

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): Acute toxicity, category 4.
Skin corrosion/irritation, category 2 Irritant.
Serious eye damage/eye irritation, category 2A Irritant.
Toxic to reproduction, category 2.
Specific target organ toxicity following repeated exposure, category 1.

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

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

EU Risks: R10: Flammable.
R20: Harmful by inhalation.
R63: Possible risk of harm to the unborn child.
R36/38: Irritating to eyes and skin.
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

GHS Label Elements

Symbol:





Signal word: DANGER.

Hazard statement(s): H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H361 Suspected of damaging fertility or the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s): 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.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403 Store in a well-ventilated place.
P501 Dispose of contents/container in accordance with local/regional/national regulations.

Other hazard(s): This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	EINECS#
100-42-5	>=12.5-20	STYRENE	202-851-5
64742-95-6	>=0.1-0.25	LIGHT AROMATIC SOLVENT NAPHTHA (C8-C10)	265-199-0

Section 3A: ADDITIONAL INGREDIENT INFORMATION

Supplier Exposure Limit Values: CAS# 100-42-5:
TWA: 85 mg/m³
STEL: 40 ppm
STEL: 170 mg/m³.

Section 4: FIRST AID MEASURES

Skin contact: Remove contaminated clothing and shoes.
Wash thoroughly with soap and water.
Seek medical attention if irritation persists.

Eye contact: Immediately flush with water.
Check for and remove contact lenses.
Obtain emergency medical attention.
Hold eyelids open when flushing.
Protect unharmed eye.

- Inhalation:** Remove victim to fresh air.
Obtain medical attention.
- Ingestion:** Do not induce vomiting, seek medical attention.
Never give anything by mouth to an unconscious person.
Rinse mouth with water, then drink one glass of water.
Do not give milk or alcoholic beverages.

Section 5: FIRE FIGHTING MEASURES

- Flammability:** Flammable.
- Extinguishing media:** Dry chemical.
Alcohol-resistant foam.
Do not use high pressure water jet.
- Conditions of flammability:** Vapours may form an explosive mixture with air.
Heat, sparks and open flames.
- Special procedures:** Do not use a direct water stream.
Positive pressure self-contained breathing apparatus required and full protection to prevent skin contact.
- Sensitivity to static discharge:** Take precautionary measures against static discharge.
- Sensitivity to mechanical impact:** Not available.
- Rate of burning:** Not available.
- Hazardous combustion products:** None known.

Section 6: ACCIDENTAL RELEASE MEASURES

- Leak/Spill:** Eliminate all sources of heat and ignition.
Absorb with inert material.
Prevent entry into drains, sewers, and other waterways.
Ventilate area.
Wear appropriate protective equipment.
Place in a closed container for disposal.

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.
Avoid static discharge.
Empty containers containing residue may cause a hazard.
Avoid contact with skin, eyes and clothing.
Do not eat, drink or smoke in handling area.
Launder contaminated clothing prior to reuse.
Do not reuse containers.
- Storage procedures:** No smoking.
Keep containers tightly closed.
Keep away from heat, and ignition sources.
Store in a cool, dry and well ventilated area.
Shelf life: 12 months.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves/Type: Solvent resistant gloves.
Before removing gloves, clean with soap and water.

Respiratory/Type: Approved air purifying respirator for vapors.

Eye/Type: Tight fitting safety goggles.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: Impervious clothing.
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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: The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m³ 8-hour TWA of inhalable dust or 4 mg.m³ 8-hour TWA of respirable dust.

Styrene: long-term systemic effects by Inhalation – value: 85 mg/m³.

Naphtha: long-term systemic effects by Inhalation – value 608 mg/m³.

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
	64742-95-6	LIGHT AROMATIC SOLVENT NAPHTHA (C8-C10)	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Paste

Appearance & odor: Viscous.
White-grey.
Characteristic odour.

Odor threshold (ppm): Not available.

pH: Not available.

Melting point (°C): Not applicable.

Boiling point (°C): 145.2°C.
(7.6 hPa).

Freezing point (°C): Not applicable.

Flash point (°C), method: Setaflash Closed Cup.
32
ISO 1523.

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

Explosive power: Vapours may form explosive mixture in air.
Avoid formation of aerosol.

Lower explosive limit: 1.1% (V) (@25°C).

Upper explosive limit: 6.3% (V) (@25°C).

Vapour pressure (mmHg): 4.5 hPa (20°C)
31 hPa (50°C).

By weight: Not available.

Specific gravity @ 20 °C: Not available.

Density: ISO 2811.
1 g/cm³.
@ 20°C.

Relative density: Not available.

Vapour density (air=1): Not available.

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

Solubility in water (%): Immiscible.

Coefficient of water\oil dist.: Not available.

Viscosity: Kinematic: > 20 mm²/s (40°C) .
Dynamic: 900,000 mPa.s (20°C)
Method: ISO 2555.

VOC: 46 g/l.

Solid content: Not available.

Section 10: STABILITY AND REACTIVITY

Chemical stability: No decomposition if stored and applied as directed.

Conditions of instability: Heat, sparks & open flame.

Reactivity conditions: No decomposition if used as directed.
Vapours may form explosive mixture with air.

Hazardous polymerization: Not available.

Incompatible substances: Strong acids.
Strong oxidizing agents.

Hazardous products of decomposition: Carbon monoxide.

Section 11: TOXICOLOGICAL INFORMATION

Effects of Acute Exposure

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

Eye contact: Severe irritation.

Skin contact: May cause redness.
May cause irritation.

Skin absorption: Not available.

Inhalation: May cause dizziness.
Harmful if inhaled.
May cause headache.
May cause fatigue.
May cause weakness.

Ingestion: May cause nausea, vomiting and diarrhea.
May cause abdominal pain.

Effects of chronic exposure: May cause target organ damage.
Long or repeated contact with skin may cause dermatitis due to the degreasing effect of the solvent.

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.

Toxicity data: Acute inhalation toxicity (product):
Acute toxicity estimate: 10–20 mg/l
Exposure time: 4h
Test atmosphere: vapour
Method: Calculation method.

LD50 of product, species & route: Styrene:
Acute oral toxicity:
LD50 Oral (rat): 2650 mg/kg
Method: OECD Test Guideline 401

Acute dermal toxicity:
LD50 (rabbit): > 2,000 mg/kg
Method: OECD Test Guideline 402

.
Solvent naphtha (petroleum), light arom.:
Acute oral toxicity:
LD50 Oral (rat): 3, 592 mg/kg
Method: OECD Test Guideline 401

Acute dermal toxicity:
LD50 (rabbit): 3,160 mg/kg
Method: OECD Test Guideline 402

LC50 of product, species & route: Styrene:
Acute inhalation toxicity:
LC50 (rat): 11.8 mg/l
Exposure time: 4h
Method: OECD Test Guideline 403

.
Solvent naphtha (petroleum), light arom.:
Acute inhalation toxicity:
LC50 (rat): > 20 mg/l
Exposure time: 4 h .

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
64742-95-6	LIGHT AROMATIC SOLVENT NAPHTHA (C8-C10)	8400 MG/KG RAT ORAL	NOT AVAILABLE

Section 12: ECOLOGICAL INFORMATION

Environmental fate: No data at this time.

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.

Solvent naphtha (petroleum), light arom.:

Toxicity to fish:

LC50 (Fish): 9.2 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates:

EC50 (Daphnia): 3.2 mg/l

Exposure time: 48 h

Method: OECD Test Guideline 202

Toxicity to algae:

EC50 (Algae): 2.9 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201.

Section 13: DISPOSAL CONSIDERATIONS

Waste disposal: Do not dispose in sewers.

Do not contaminate ponds, waterways or ditches with chemical or used container.

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging:

Empty remaining contents

Dispose of as unused product

Do not re-use empty containers

Do not burn, or use a cutting torch on the empty drum.

Section 14: TRANSPORT INFORMATION

TDG classification: Not regulated.

DOT: Not regulated.

ICAO/IATA: Not regulated.

IMDG: Not regulated.

Special instructions: Not available.

Marine Pollutant: No

Section 15: REGULATORY INFORMATION

DSL status: Appears on DSL.

CERCLA reportable quantity: Styrene (100–42–5) 1000 lbs.

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

SARA Section 313: Styrene (100–42–5).
Aromatic hydrocarbon (64742–95–6).

SARA hazard categories sections Immediate (Acute) Health Hazard: Yes.

311/312: Delayed (Chronic) Health Hazard: No.
Fire Hazard: Yes.
Sudden Release of Pressure: No.
Reactive: No.

CA Proposition 65: This product does not contain any chemicals currently on the California list of known carcinogens and reproductive toxins.

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
A division of 2843471 Canada Inc.
1840 Transcanada, suite 101
Dorval, QC H9P 1H7
Tel: (514) 683–2060
Fax: (514) 683–1445
24 hr. 1–866–628–7522 support@netmsds.com.

Date of the latest SDS revision: 2015/03/13.

This SDS was generated by *Conform-Plus* Application Service. Visit us at www.netmsds.com.