

SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 & 1272/2008 and amendments

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

Product Identifier: 74202

SOLAREZ® NEO-REZ BLACK flexible repair

Intended/Recommended Use: Coating / repair for neoprene, elastomerics. Air-dry

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Company: WAHOO INTERNATIONAL, INC. 1315 Hot Springs Way Vista, CA 92081

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2. HAZARDS IDENTIFICATION

2.1 Classification of the mixture:

Classification and labelling according to Directive 1272/2008/EC

Flam. Liquid 2, Asp. Tox. 1, Skin Irrit. 2, Rep. Tox. 2



GHS02



GHS07



GHS08

2.2 label Elements

GHS02, GHS07, GHS08

Signal Word: DANGER

Component(s): Aliphatic hydrocarbons

Continued

Hazard statements (GHS-US)

H225 - Highly flammable liquid and vapor

H225 - Highly flammable liquid and vapor

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

H361 - Suspected of damaging fertility or the unborn child

H373 - May cause damage to organs (nervous system, central nervous system) through prolonged or repeated exposure

Precautionary statements (GHS-US) :

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P210 - Keep away from heat, open flames, sparks. - No smoking

P233 - Keep container tightly closed

P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof ventilating equipment

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge

P260 - Do not breathe mist, vapors

P264 - Wash hands, forearms and face thoroughly after handling

P271 - Use only outdoors or in a well-ventilated area

P272 - Contaminated work clothing must not be allowed out of the workplace

P280 - Wear eye protection, protective gloves, protective clothing

P301+P310 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER

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/shower

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses

P308+P313 - If exposed or concerned: Get medical advice/attention

P312 - Call a doctor, a POISON CENTER if you feel unwell

P314 - Get medical advice/attention if you feel unwell

P321 - Specific treatment (see first aid instructions on this label)

P331 - Do NOT induce vomiting P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

P337+P313 - If eye irritation persists: Get medical advice/attention

P362+P364 - Take off contaminated clothing and wash it before reuse

P370+P378 - In case of fire: Use carbon dioxide (CO₂), extinguishing powder, foam to extinguish

P403+P233+P235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool

P405 - Store locked up

P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

SECTION 3: Composition/information on ingredients

Name	Identifier	%
Distillates, petroleum, light distillate	(CAS No) 68410-97-9	15 -40
Naphtha, petroleum, light	(CAS No) 64742-49-0	15 - 40
Solvent naphtha, petroleum, light aliphatic	(CAS No) 64742-89-8	15 - 40
Hexane	(CAS No) 110-54-3	10 - 30
Toluene	(CAS No) 108-88-3	10 - 30
Octane	(CAS No) 111-65-9	1 - 5
Heptane	(CAS No) 142-82-5	1 - 5
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	(CAS No) 41556-26-7	0.1 - 1
Methyl ethyl ketone	(CAS No) 78-93-3	1 - 5
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidiny ester	(CAS No) 82919-37-7	0.1 – 1

SECTION 4.1: First aid measures

4.1. Description of first aid measures:

First-aid measures general : If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

First-aid measures after inhalation : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.

First-aid measures after skin contact : IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.

First-aid measures after eye contact : IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.

First-aid measures after ingestion : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.

SECTION 5: Firefighting measures

5.1. Extinguishing media Suitable extinguishing media : Carbon dioxide. Foam. Dry powder. Sand. Water spray.

5.2. Special hazards arising from the substance or mixture Fire hazard : Highly flammable liquid and vapor. Explosion hazard : Heating may cause an explosion. Reactivity: No dangerous reactions known under normal conditions of use.

5.3. Advice for firefighters Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment. Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures General measures : Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

6.1.1. For non-emergency personnel Protective equipment : Wear Protective equipment as described in Section 8. Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

6.2. Environmental precautions Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Sweep or shovel spills into appropriate container for disposal. Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. This material and its container must be disposed of in a safe way, and as per local legislation. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

SECTION 7: Handling and storage

7.1. Precautions for safe handling Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Provide good ventilation in process area to prevent formation of vapor. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Keep container closed when not in use. Store in dry, well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Incompatible materials : Sources of ignition. Storage temperature : Do not store above 49 °C (120 °F)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Distillates, petroleum, light distillate hydrotreating process, low-boiling (68410-97-9)

Remark (ACGIH) OELs not established

Remark (OSHA) OELs not established

Naphtha, petroleum, hydrotreated light (64742-49-0)

Remark (ACGIH) OELs not established

Remark (OSHA) OELs not established

Solvent naphtha, petroleum, light aliphatic (64742-89-8)

Remark (ACGIH) OELs not established

Remark (OSHA) OELs not established

Octane (111-65-9) ACGIH TWA (ppm) 300 OSHA PEL (TWA) (mg/m³) 2350 OSHA PEL (TWA) (ppm) 500 OSHA PEL (STEL) (mg/m³) 1800 Vacated OSHA PEL (STEL) (ppm) 375 Vacated

n-Heptane (142-82-5) ACGIH TWA (ppm) 400 ACGIH STEL (ppm) 500 (listed under Heptane, all isomers) OSHA PEL (TWA) (mg/m³) 2000 OSHA PEL (TWA) (ppm) 500 OSHA PEL (STEL) (mg/m³) 2000 OSHA PEL (STEL) (ppm) 500

Toluene (108-88-3) ACGIH TWA (ppm) 20

Remark (ACGIH) Visual impair; female repro;

Continued:

Hexane (110-54-3) ACGIH TWA (ppm) 50 OSHA PEL (TWA) (mg/m³) 1800 OSHA PEL (TWA) (ppm) 500
Methyl ethyl ketone (78-93-3) ACGIH TWA (ppm) 200 ACGIH STEL (ppm) 300 OSHA PEL (TWA) (mg/m³) 590 OSHA PEL (TWA) (ppm) 200 OSHA PEL (STEL) (mg/m³) 885 OSHA PEL (STEL) (ppm) 300
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)
Remark (ACGIH) OELs not established
Remark (OSHA) OELs not established
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester (82919-37-7)
Remark (ACGIH) OELs not established
Remark (OSHA) OELs not established

8.2. Exposure controls

Appropriate engineering controls :

Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment :

Gloves. Protective goggles. Protective clothing. Insufficient ventilation: wear respiratory protection.

Hand protection : Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Change contaminated gloves immediately. Suitable gloves for this specific application can be recommended by the glove supplier.

Eye protection : Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin and body protection : Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory protection : Wear a NIOSH-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment with gas filter (type A2). Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Physical state : Liquid

Appearance : Honey-Like Substance.

Color : Various.

Odor : characteristic.

Odor Threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : > 1

Melting point : No data available

Freezing point : No data available

Boiling point : 65 - 140.5 °C (149 - 285 °F)

Flash point (TCC) : -23 °C (-10 °F)

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure @ 20 °C (68 °F) : 125 mm Hg

Relative vapour density at 20 °C : Heavier than air

Relative density (H₂O = 1) : 0.81 - 0.83

Solubility : Water: Insoluble

Log Pow : No data available

Log Kow : No data available

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : 0.9 - 11.5 vol %

9.2. Other information VOC content : 72 %

SECTION 10: Stability and reactivity

- 10.1. Reactivity No dangerous reactions known under normal conditions of use.
10.2. Chemical stability Stable under recommended handling and storage conditions (see section 7).
10.3. Possibility of hazardous reactions None known.
10.4. Conditions to avoid Ignition sources.
10.5. Incompatible materials Strong acids. Strong bases. Oxidizing agent. Selected amines with alkali metals and halogens.
10.6. Hazardous decomposition products Carbon oxides (CO, CO₂).
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SECTION 11: Toxicological information

- 11.1. Information on toxicological effects Acute toxicity : Not classified

Naphtha, petroleum, hydrotreated light (64742-49-0)

LD50 oral rat > 5000 mg/kg

LD50 dermal rabbit > 3160 mg/kg LC50 inhalation rat (ppm) 73680 ppm/4h

Solvent naphtha, petroleum, light aliphatic (64742-89-8)

LD50 oral rat 5000 mg/kg mouse

LD50 dermal rabbit 3000 mg/kg Octane (111-65-9)

LC50 inhalation rat (mg/l) 118 g/m³ 4 h

n-Heptane (142-82-5)

LD50 oral rat 5000 mg/kg

LD50 dermal rabbit 3000 mg/kg

LC50 inhalation rat (mg/l) 103 g/m³ 4h

Toluene (108-88-3) LD50 oral rat 2600 mg/kg

LD50 dermal rabbit 12000 mg/kg

LC50 inhalation rat (mg/l) 12.5 mg/l/4h

Ethylbenzene (100-41-4)

LD50 oral rat 3500 mg/kg

LD50 dermal rabbit 15400 mg/kg

LC50 inhalation rat (mg/l) 17.2 mg/l/4h

Hexane (110-54-3)

LD50 dermal rabbit 3000 mg/kg

LC50 inhalation rat (ppm) 48000 ppm/4h

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)

LD50 oral rat 2615 mg/kg Skin corrosion/irritation : Causes skin irritation. Serious eye damage/irritation : Causes serious eye irritation. Respiratory or skin sensitisation : May cause an allergic skin reaction. Germ cell mutagenicity : Not classified. Carcinogenicity : Not classified.

Benzene (71-43-2) IARC group 1 - Carcinogenic to humans National Toxicology Program (NTP) Status 2 - Known Human Carcinogens

Ethylbenzene (100-41-4) IARC group 2B - Possibly carcinogenic to humans

Naphthalene (91-20-3) IARC group 2B - Possibly carcinogenic to humans National Toxicology Program (NTP) Status 3 - Reasonably anticipated to be Human Carcinogen

Cumene (98-82-8)

IARC group 2B - Possibly carcinogenic to humans

Reproductive toxicity : Suspected of damaging fertility or the unborn child. Specific target organ toxicity (single exposure) : May

cause drowsiness or dizziness. Specific target organ toxicity (repeated exposure) : May cause damage to organs (nervous system,

central nervous system) through prolonged or repeated exposure. Aspiration hazard : May be fatal if swallowed and enters airways.

Symptoms/injuries after inhalation : May cause drowsiness or dizziness. Symptoms/injuries after skin contact : Causes skin irritation.

May cause an allergic skin reaction. Symptoms/injuries after eye contact : Causes serious eye irritation. Symptoms/injuries after

ingestion : May be fatal if swallowed and enters airways. Chronic symptoms : Suspected of damaging fertility. Suspected of damaging

the unborn child. May cause damage to organs through prolonged or repeated exposure.

SECTION 12: Ecological information

- 12.1. Toxicity Ecology - general : No information available.

continued

12.3. Bioaccumulative potential No additional information available.

SECTION 13: Disposal considerations:

13.1. Waste treatment methods

Do not discharge to public wastewater systems without permit of pollution control authorities.

No discharge to surface waters is allowed without an NPDES permit.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Do not allow the product to be released into the environment.

SECTION 14: Transport information

In accordance with DOT

Transport document description : UN1139 Coating solution (Contains: Hexane; Toluene, Petroleum Distillates), 3, II

UN-No.(DOT) : 1139

DOT NA no. : UN1139

Proper Shipping Name (DOT) : Coating solution (Contains: Hexane; Toluene, Petroleum Distillates)

Department of Transportation (DOT) Hazard Classes : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Hazard labels (DOT) : 3 - Flammable liquid



Packing group (DOT) : II - Medium Danger

DOT Quantity Limitations Passenger aircraft/rail

(49 CFR 173.27) : 5 L DOT Quantity Limitations Cargo aircraft only

(49 CFR 175.75) : 60 L

DOT Vessel Stowage Location :

B - (i) The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) “On deck only” on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

Additional information

Other information :

No supplementary information available.

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory or are exempt SARA Section 311/312 Hazard Classes Immediate (acute) health hazard Delayed (chronic) health hazard Fire hazard.

Toluene (108-88-3) CERCLA RQ 1000 lb Section 313 Listed on US SARA Section 313

Hexane (110-54-3) CERCLA RQ 5000 lb Section 313 Listed on US SARA Section 313

Methyl ethyl ketone (78-93-3) CERCLA RQ 5000 lb Section 313 Not Listed on US SARA Section 313

15.2. International regulations No additional information available.

15.3. US State regulations

California Proposition 65 WARNING! This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

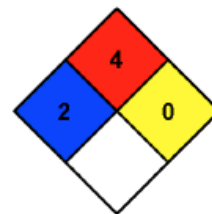
Ethylbenzene (100-41-4)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	54 (inhalation) 41 (oral) µg/day
Toluene (108-88-3)				
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	Maximum allowable dose level (MADL)
No	Yes	No	No	7000 µg/day
Benzene (71-43-2)				
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) Maximum allowable dose level (MADL)
Yes	Yes	No	Yes	13 (inhalation) 6.4 (oral) µg/day 49 (inhalation) 24 (oral) µg/day
Naphthalene (91-20-3)				
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)
Yes	No	No	No	5.8 µg/day
Cumene (98-82-8)				
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)
Yes	No	No	No	Not available
Octane (111-65-9)				
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) List				
n-Heptane (142-82-5)				
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) List				

continued

Toluene (108-88-3)
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List
Benzene (71-43-2)
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Ethylbenzene (100-41-4)
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Naphthalene (91-20-3)
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Hexane (110-54-3)
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Cumene (98-82-8)
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Methyl ethyl ketone (78-93-3)
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

NFPA health hazard	: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
NFPA fire hazard	: 4 - Will rapidly or completely vaporize at normal pressure and temperature, or is readily dispersed in air and will burn readily.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health	: 2*
Flammability	: 4
Physical	: 0
Personal protection	:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

