

SECTION 1. IDENTIFICATION

Product Name: Ceramic Sealant Wax
Product Code: 2041XX
Chemical Name: Mixture
CAS No: Mixture
Date Modified/Issued: Apr 06, 2023
Recommended use: Automotive care product
Recommended Restrictions: None known
Manufacturer/Supplier/Distributor information
Company name: Star Brite
Address: 4041 SW 47th Avenue
Fort Lauderdale FL 33314
United States of America
Telephone: 954-587-6280
Emergency Telephone number: Chemtrec: 001 703 5273887 (24/7)

SECTION 2. HAZARDS IDENTIFICATION**Classification of substance or mixture**

This product is a hazardous material as per OSHA HCS (29 CFR 1910.1200)
Eye Irrit. 2; Skin Irrit. 2, Acute Tox 4

Label elements

Hazard Symbol(s)



Signal Word(s)

Warning

Hazard Statement (s)

Causes serious eye irritation
Causes skin irritation
Harmful if swallowed

Precautionary Statements (s)

Keep container tightly closed, and keep away from children.
Do not eat, drink or smoke when using this product.
Minimize contact with heat and static electricity discharge.
Wear protective gloves and eye protection.
Wash hands and exposed skin after use and launder contaminated clothing.
IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower. If irritation (redness, rash, blistering) develops, get medical attention. Wash contaminated clothing before reuse.
IF ON EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

IF SWALLOWED: Do not give anything by mouth to an unconscious person. Get immediate medical advice/attention if you feel unwell. Rinse mouth.

Other Hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.

Ingredients	CAS No.	% w*
Water	7732-18-5	50 – 80
Cyclopentasiloxane	541-02-6	1 – 9
Petroleum distillates, hydrotreated light	64742-47-8	1 – 9
Polydimethylsiloxane	63148-62-9	1 – 9
Ethoxylated alcohol	Trade secret	0.1 – 3

* The exact percentages are withheld as a trade secret in accordance with 29 CFR 1910.1200. No other hazardous ingredients are present in reportable quantities.

SECTION 4. FIRST-AID MEASURES

General advice: Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.

Inhalation: Move person to fresh air and keep at rest in a position comfortable for breathing. If breathing is labored, administer oxygen. If unconscious, place in recovery position and seek medical advice. Consult a physician after significant exposure or if symptoms develop.

Skin contact: Immediately take off all contaminated clothing. Rinse skin with water/shower. If irritation (redness, rash, blistering) develops, get medical attention. Wash contaminated clothing before reuse.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

Ingestion: If swallowed immediately call doctor/poison control. Do not give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. If material has been swallowed and exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter lungs.

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable extinguishing media Water spray, carbon dioxide, dry chemical or foam.

Unsuitable extinguishing media: Water-jet.

Special hazards arising from the substance or mixture

Flammable/explosive vapor-air mixture can form in case of insufficient ventilation. Combustion or thermal

Advice for fire-fighters

decomposition will evolve toxic and irritant vapors, including oxides of carbon.

Fire-fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Work under sufficient ventilation. Eliminate all ignition sources if safe to do so. Avoid contact with skin and eyes. Avoid breathing fume/gas/mist/vapors/spray.

Environmental precautions:

Prevent release to the environment. Prevent liquid entering sewers, basements and workpits. Collect spills.

Methods and material for containment and cleaning up:

Contain spillages with absorbent material (sand, earth, universal binder or any suitable material). Dispose of absorbed material in accordance with the regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Keep away from fire, sparks and heated surfaces and don't smoke. Wear protective gloves and protective clothings and eye and face protections. Avoid contact with skin and eyes. Only open container at areas with sufficient ventilation.

Conditions for safe storage, including any incompatibilities

Store at room temperature in tightly closed containers.
Prevent contact with heat and ignition sources and oxidizers.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with Exposure Limits

Cyclopentasiloxane (CAS: 541-02-6): TWA = 10 ppm (US WEEL)

Exposure Controls

Engineering controls

Always follow good industrial hygiene practices. Adequate ventilation is recommended, especially in confined areas. Ensure easy access to an eyewash and safety shower. If user operation generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Personal Protective equipment

Consistent with good occupational hygiene practices, personal protective equipment should be used in conjunction with other control measures, including engineering controls, ventilation and isolation. See also Section 5 (Fire-fighting measures) for fire/chemical PPE advice.

Eyes Protection: Wear glasses with side-shields.

Skin protection: Wear nitrile gloves and body-covering clothing.

Respiratory Protection: In instances of vapor formation and accumulation, wear appropriate certified respiratory equipment (CE, NIOSH), especially if there is a possibility for exceeding the exposure limits listed above.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state/appearance: Opaque white cream

Odor: Characteristic fruity

Odor threshold: Not available

pH:	7 – 10
Melting point/freezing point:	Not available
Boiling point:	Not available
Flash point:	> 200 °F (93.3 °C)
Evaporation rate:	Not available
Flammability (solid, gas):	Not applicable
Explosive limit ranges:	Not available
Vapor pressure:	Not available
Vapor Density:	Not available
Density:	~ 1 mg/ml
Solubility in water:	Partial
Solubility (other):	Not available
Partition coefficient (n-octanol/water):	Not available
Auto ignition point:	Not available
Decomposition temperature:	Not available
Viscosity:	> 10,000 cst
Explosive properties:	Not explosive
Oxidizing properties:	Not oxidizing
Other information	
Volatile organic content:	<1 % (less exempt materials)

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	Expected to be stable under normal use and storage. Ignition sources or heat may ignite the mixture.
Chemical stability:	Expected to be stable under normal use and storage.
Possibility of hazardous reactions:	Not expected.
Conditions to avoid:	Incompatible materials.
Incompatible materials:	Heat, ignition sources, oxidizers.
Hazardous decomposition products:	Combustion or thermal decomposition will release toxic and irritant fumes, including oxides of carbon.

SECTION 11. TOXICOLOGICAL INFORMATION

The toxicological effects of this mixture have not been measured/tested. Acute toxicity estimates (ATE) for this mixture have been calculated according to relevant OSHA regulations (CFR 1910.1200 App A): Acute oral toxicity: ATE > 2000 mg/kg; Acute dermal toxicity: ATE > 2000 mg/kg.

Data for individual components:

The following data/information have been reported for the individual components listed in Section 3.

Cyclopentasiloxane (CAS: 541-02-6)

Acute oral LD50 (Rat): > 5000 mg/kg (estimated); Acute dermal LD50 (Rabbit): > 2000 mg/kg, estimated; Acute inhalation LC50 (Rat, male, female, 4 hr, dust/mist) = 8.67 mg/L. Not classifiable as carcinogenic, teratogenic, mutagenic or reproductive toxin.

Petroleum distillates, hydrotreated light (CAS: 64742-47-8)

Acute Oral LD50 (Rat) > 5000 mg/kg; Acute dermal LD50 (Rabbit): 2,000 - 4,000 mg/kg; Acute inhalation LC50 (Rat, 4 hrs): > 6.8 mg/l, all rats survived. Possibility for eye and skin irritation. Aspiration hazard.

Polydimethylsiloxane (CAS: 63148-62-9):

Acute oral LD50 (Rat) > 5000 mg/kg; Acute dermal LD50 (Rat) > 2000 mg/kg.

Ethoxylated alcohol (CAS: Trade secret)



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Not expected to be severely toxic. Acute oral toxicity (rat, estimated): LD50, > 5,000 mg/kg. Acute dermal toxicity (rat, estimated): > 500 mg/kg.

SECTION 12. ECOLOGICAL INFORMATION

The ecological effects of this mixture have not been measured/tested.

Data for individual components:

The following data/information have been reported for the individual components listed in Section 3.

Cyclopentasiloxane (CAS: 541-02-6)

Not an acute or a chronic toxic to aquatic organisms at limit of solubility. Acute LC50 fish (rainbow trout, 96 hr): >16µ/L; Acute EC50 aquatic invertebrates (Daphnia magna, 48 hr) > 2.9 mg/L. Very slow to biodegrade. Bioconcentration potential is moderate. Partition coefficient: n-octanol/water (log Pow): 5.2 Measured. Bioconcentration factor (BCF): 2,010 Fish Estimated.

Petroleum distillates, hydrotreated light (CAS: 64742-47-8)

Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility limit. Readily biodegradable.

Polydimethylsiloxane (CAS: 63148-62-9)

Not an acute or a chronic toxic to aquatic organisms at limit of solubility. Very slow to biodegrade. Polymer – not expected to bioaccumulate.

Ethoxylated alcohol (CAS: Trade secret)

Acute LC50 fish (fathead minnow, 96 hrs): 1-10 mg/L; Acute EC50 aquatic invertebrates (Daphnia magna, 48 hrs): 1-10 mg/L; Acute EC50 algae (96 hrs): 1-10 mg/L. Readily biodegradable.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods: Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional information: None known.

SECTION 14. TRANSPORT INFORMATION

Road Transport (49 CFR US DOT)

Not regulated

Air Transport (International Air Transport Association (IATA)):

Not regulated

Sea Transport (International Maritime Dangerous Goods (IMDG)):

Not regulated

SECTION 15. REGULATORY INFORMATION

This product is a "Hazardous Chemical" as defined by the OSHA HCS (Hazard Communication Standard), 29 CFR 1910.1200.

US Federal Regulations

TSCA (Toxic Substance Control Act)

All components are registered in the US EPA TSCA inventory list or are exempted.

SARA Title III (Superfund Amendments and Reauthorization Act)

SARA 302/304 (Extremely Hazardous Substances):

None known.

SARA 311/312 (Hazard Categories):

Acute (immediate): Yes; Chronic: No; Flammable: Yes; Pressure: No; Reactive: No



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SARA 313 (Toxic Chemicals):

None known

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

None known

US States Regulations

California Prop 65:

This product is not known to contain any components that is/are known to the State of California to cause cancer and/or reproductive harm.

SECTION 16. OTHER INFORMATION

Additional Information

This document meets the requirements of, and is formatted in accordance to, the USA's Federal OSHA Hazard Communication Standard (29 CFR 1910.1200).

Revisions

Date of first issue: 06 Apr 2023

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This Version No: Version 1.0

Ref:X8.

Glossary of Terms:

OSHA: Occupational Safety and Health Administration (US)

TWA: Time-weighted average

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 %

EC50: Effective concentration, 50 percent

DOT: Department of Transportation (US)

NIOSH: National Institute for Occupational Safety and Health

CE: Symbol that signifies the certificate of compliance in EU region

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