

Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Graphene Ceramic
PRODUCT TYPE: Liquid Vehicle Dressing
PRODUCT NUMBER: R0523KITP
CONTROL NUMBER: R0523XXX

COMPANY: **Simoniz USA, Inc.**
201 Boston Turnpike
Bolton, CT 06043
1-800-227-5536
www.simoniz.com

EMERGENCY PHONE: 1-800-255-3924 (CHEM-TEL)

2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE:

Non-hazardous mixture per OSHA Hazard Communication Standard 29CFR 1910.1200.

3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER
Water	7732-18-5
Ceramic emulsion	Not Required
Graphene oxide dispersion	Not Required

If percentages, chemical names or C.A.S. numbers of ingredients are not listed/shown, they are being withheld as trade secret information, or are not required per OSHA Hazard Communication Standard 29CFR 1910.1200. This information will be disclosed as necessary to authorized individuals.

4 – FIRST-AID MEASURES

BREATHING (INHALATION): .. Not likely to irritate. If signs of discomfort or irritation occur, remove to fresh air. If symptoms persist, seek medical attention.

SWALLOWING (INGESTION):.. Rinse mouth, then drink a large quantity of water or milk. Seek medical attention if signs of discomfort or irritation occur, or if you begin feeling unwell.

EYES: Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, seek medical attention.

SKIN (DERMAL): Not likely to irritate. Flush from skin and clothing with large amounts of fresh water. If irritation occurs, seek medical attention. Wash contaminated clothing before reuse.

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5 – FIRE-FIGHTING MEASURES

FLASHPOINT:..... This product is non-flammable.
EXTINGUISHING MEDIA: Use extinguishing media suitable for materials already burning.
SPECIAL FIRE FIGHTING PROCEDURES:.....Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.
UNUSUAL FIRE AND EXPLOSION HAZARDS:None known.

6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:..... Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.
WASTE DISPOSAL: As recommended by local, state and federal authorities.

7 – HANDLING and STORAGE

STORAGE:..... Store in a cool, well-ventilated area. Avoid overheating or freezing. Do NOT store this product in an unmarked container.
HANDLING:..... Wear eye protection if product is likely to splash. Do NOT transfer this product to an unmarked container. Spilled material is slippery. Keep away from children!

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:Not usually needed. Vapors not normally harmful.
PROTECTIVE CLOTHING:..... Nitrile or PVC gloves, and chemical splash goggles.
ADDITIONAL MEASURES:..... Under normal use according to label instructions, special protection should not be necessary. Wear eye protection if product is likely to splash. Keep away from children!

INGREDIENT	C.A.S. NUMBER	OSHA PEL*
Water	7732-18-5	No limits established
Ceramic emulsion	Not Required	No limits established
Graphene oxide dispersion	Not Required	No limits established

**When OSHA 8-hour TWA; STEL (ST); and Ceiling (C) PEL values are not established, NIOSH REL; ACGIH TLV; and AIHA WEEL values will be shown in that order, and indicated as such.*

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR:..... Light grey, transparent liquid. Piña Colada scented.
ODOR THRESHOLD: N/A
pH:..... 6.0 – 7.5
MELTING POINT: N/A

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FREEZING POINT: N/A
BOILING POINT:..... 210 degrees F.
BOILING POINT RANGE: N/A
FLASHPOINT:..... This product is non-flammable.
EVAPORATION RATE: N/A
FLAMMABILITY (solid/gas): ... N/A
EXPLOSION LIMITS:..... N/A
VAPOR PRESSURE: N/A
VAPOR DENSITY (AIR=1): Greater than 1.
SPECIFIC GRAVITY: 1.00
SOLUBILITY IN WATER: Completely soluble.
PARTITION COEFFICIENT: N/A
AUTO-IGNITION TEMPERATURE:.....N/A
DECOMPOSITION TEMPERATURE:N/A
VISCOSITY: Water thin.

10 – STABILITY and REACTIVITY

STABILITY: Stable under normal conditions.
INCOMPATIBILITY:..... Do not mix with strong oxidizing/reducing agents or other chemicals.
HAZARDOUS DECOMPOSITION:..... Carbon oxides, nitrogen oxides, silicon oxides.
HAZARDOUS POLYMERIZATION:This product not known to polymerize.

11 – TOXICOLOGICAL INFORMATION

ROUTE(S) OF ENTRY: Absorption through eyes. Not likely to be inhaled, ingested, or absorbed through skin in hazardous amounts.
LISTED CARCINOGEN: There are no chemicals that comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).
MEDICAL CONDITION AGGRAVATED:None known.
INHALATION: Inhaling significant amounts of this product may eventually cause discomfort and irritation to the respiratory tract.
INGESTION:..... Ingesting large amounts of this product may cause discomfort and irritation to the mouth, esophagus and stomach.
EYES: This product may cause discomfort, irritation and redness after prolonged exposure.
SKIN (DERMAL): This product may eventually cause mild irritation and redness to the exposed area if after prolonged exposure.
ACUTE TOXICITY* (ORAL):>5,000 mg/kg
ACUTE TOXICITY* (DERMAL):>5,000 mg/kg
ACUTE TOXICITY* (INHALATION):>20,000 ppm V (Gas), >20 mg/l (Vapor), >5 mg/l (Dust)

**Determined using the additivity formula for mixtures (GHS Purple Book, 3.1.3.6)*

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12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION: N/A

13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: As recommended by local, state and federal authorities.

14 – TRANSPORTATION INFORMATION

U.S. DOT:

PROPER SHIPPING NAME: Not regulated for domestic shipments acc. DOT HMR.

HAZARD CLASS:

UN/NA NUMBER:

PACKING GROUP:.....

IMDG:

PROPER SHIPPING NAME: Not regulated for international shipments acc. IMDG CODE.

HAZARD CLASS:

UN NUMBER:.....

PACKING GROUP:.....

IATA:

PROPER SHIPPING NAME: Not regulated for international shipments acc. IATA DGR.


HAZARD CLASS:

UN NUMBER:.....

PACKING GROUP:.....

15 – REGULATIONS

Contents of this SDS comply with OSHA Hazard Communication Standard 29CFR 1910.1200.

CALIFORNIA PROPOSITION 65:  **WARNING:** This product can expose you to chemicals including 1,4-Dioxane, which are known to the State of California to cause cancer, and Ethylene oxide, which are known to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

INGREDIENT	C.A.S. NUMBER	LISTED DATE
1,4-Dioxane	123-91-1	01/01/1988 (Cancer)

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INGREDIENT	C.A.S. NUMBER	LISTED DATE
Ethylene oxide	75-21-8	07/01/1987 (Cancer)
		08/07/2009 (Developmental & Male Reproductive Toxicity)
		02/27/1987 (Female Reproductive Toxicity)

16 – OTHER INFORMATION

NFPA:
HEALTH: 0
FLAMMABILITY:..... 0
REACTIVITY: 0
OTHER: None

ADDITIONAL: The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe—read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

REVISION DATE:..... 03/14/2025