

Safety Data Sheet

Revision Date: 4/11/2017

C26 - Inspiration Ceramic Coating

Section 1. Product and Company Identification

Product Identifier C26 - Inspiration Ceramic Coating

Product Use

Description: Thin clear liquid with solvent and amine odors for use as a clear coating on automotive finishes.

Suppliers' details

CarCareCo Pty Ltd
1/10 Access Way
Carrum Downs VIC 3201

Emergency Number: 131126
Customer Service: 1300 323 150

Section 2. Hazards Identification

GHS Classification

Flammable Liquids: Category 3
Acute toxicity (Inhalation) : Category 4
Reproductive Toxicity : Category 2

GHS Label Elements

Hazard Pictograms



Hazard Word

Warning

Hazard Statements

H226: **Flammable liquid and vapour**
H302: **Harmful if swallowed**
H361: **Suspected of damaging fertility**

Precautionary Statements

P201: **Obtain special instructions before use**
P202: **Do not handle until all safety precautions have been read and understood**
P210: **Keep away from heat/sparks/open flames/hot surfaces – No smoking**
P233: **Keep container tightly closed**
P240: **Ground/bond container and receiving equipment**
P241: **Use explosion-proof electrical/ventilating/light/.../equipment**
P242: **Use only non-sparking tools**
P243: **Take precautionary measures against static discharge**
P264: **Wash skin thoroughly after handling**
P270: **Do not eat, drink or smoke when using this product**
P280: **Wear protective gloves/protective clothing/eye protection/face protection**
P301+312: **Response:**
P303+361+353: **IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel**
P308+313: **unwell**
P330: **IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower**

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P370+378:

P403+233: **IF exposed or concerned: Get medical advice/attention**

P405: **Rinse mouth**
In case of fire: Use sand, carbon dioxide or powder extinguisher for extinction
Storage:
Store in a well ventilated place. Keep container tightly closed
Store locked up

3. Composition Information on Ingredients

CAS Number	Wt %	Component Name
475645-84-2	10-25%	Organic Polysilazane compound
541-02-6	10-25%	decamethylcyclopentasiloxane
556-67-2	50-75%	octamethylcyclotetrasiloxane
69430-37-1	1-5%	aminofunctional silicone fluid

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

4. First Aid Measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

Provide fresh air.

Following skin contact

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

Following eye contact

Irrigate copiously with clean, fresh water, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

5. Fire Fighting Measures

FLAMMABLE OR EXPLOSIVE LIMITS (APPROXIMATE PERCENT BY VOLUME IN AIR)

Estimated values: Lower Flammable Limit 1.9% Upper Flammable Limit 12.6%

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES

Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on size or potential size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.

Use dry chemical, foam or carbon dioxide to extinguish the fire. "Water may be ineffective", but water should be used to keep fire-exposed containers cool. If a leak or spill has ignited, use water spray to disperse the vapors and to protect persons attempting to stop a leak. Water spray may be used to flush

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spills away from exposures. Minimize breathing of gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS

Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

6. Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures for non-emergency personnel**

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up Advices on how to contain a spill

Covering of drains.

Advices on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal precautions: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

7. Handling and Storage**7.1 Precautions for safe handling Recommendations****Measures to prevent fire as well as aerosol and dust generation**

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools.

Warning

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feeding stuffs.

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8. Exposure Controls and Personal Protection

475645-84-2	Organic Polysilazane compound	301 mg/m3 ACGIH TWA Oral
541-02-6	decamethylcyclopentasiloxane	10 ppm TWA DCC OEL
556-67-2	octamethylcyclotetrasiloxane	10 ppm DCC OEL TWA
69430-37-1	aminofunctional silicone fluid	None Listed

VENTILATION

Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. No smoking or use of flame or other ignition sources.

RESPIRATORY PROTECTION

Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

PROTECTIVE GLOVES

Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

EYE PROTECTION

Use splash goggles or face shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT

Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin contact.

WORK PRACTICES / ENGINEERING CONTROLS

To prevent fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system in accordance with (THE) National Fire Protection Association PUBLICATIONS.

9. Physical and Chemical Properties

Flash Point	46°C (115°F) TCC	Upper Flammability Limit	Not Determined
Auto Ignition	645°K (1162°F)	Lower Flammability Limit	Not Determined
Physical State	Liquid	Color	Clear
pH	N/A	Vapor Press	132 Pa at 25°C
Specific Gravity	.947	Viscosity	Thin
Vapor Density (Air=1)	.97	Melting Point °F	N/A
Water Solubility	Not Determined	Odor	Amine Solvent
		VOC Content	4.3 lb/Gal, See section 15 for CARB info

10. Stability and Reactivity

Stability Stable

Hazardous Polymerization Not Expected to Occur

Conditions to Avoid

Keep away from extreme heat, Strong Acids, Alkalis and Oxidizers such as Chlorine, other Halogens, Hydrogen Peroxide and Oxygen

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Hazardous data is available.
Decomposition Products

11. Toxicological Information

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Harmful if swallowed.

Acute toxicity estimate (ATE)

oral 1,505 mg/kg

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Summary of evaluation of the CMR properties

Suspected of damaging fertility.

Shall not be classified as carcinogenic.

Shall not be classified as germ cell mutagenic.

Carcinogenicity

- National Toxicology Program (United States): none of the ingredients are listed

- IARC Monographs: none of the ingredients are listed

Specific target organ toxicity (STOT)

Shall not be classified as a specific target organ toxicant.

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

12. Ecological Information

Octamethylcyclotetrasiloxane:

Toxicity to fish :LC50 (Oncorhynchus mykiss (rainbow trout)): > 0.022 mg/l Exposure time: 96 h

Remarks: No toxicity at the limit of solubility.

Toxicity to daphnia and aquatic invertebrates: EC50(Daphnia sp.): > 0.015 mg/l Exposure time: 48 h

Remarks: No toxicity at the limit of solubility.

Toxicity to algae: EC50: > 0.022 mg/l

Exposure time: 96 h

Remarks: No toxicity at the limit of solubility.

NOEC: 0.022 mg/l

Exposure time: 96 h

Remarks: No toxicity at the limit of solubility.

13. Disposal Considerations

Options for disposal of this product may depend on the conditions under which it was used. To determine the proper method of disposal, refer to RCRA (40 CFR 261), as well as federal EPA and state and local regulations.

Do not empty into drains. Avoid release to the environment. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

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14. Transportation Information**Domestic Transportation, not by air:**

Non-bulk packaging (capacity less than or equal to 119 gallons)

Not regulated - Reclassified as combustible 49 CFR 173.150(f)**Transported by marine vessel: as supplied**

Non-bulk packaging (capacity less than or equal to 119 gallons)

Not regulated - Reclassified as combustible 49 CFR 173.150(f)**Transportation by Air IATA: as supplied**Limited Quantity exception: 49 CFR 173.150(b)(3), 173.27 table 3 - Combination packaging under 2.5 Liter or .65 gallon per inner container and less than 10 liters per box - Not Regulated**Not as supplied**Packaging greater than 2.5 Liter or .65 Gallon per inner container or more than 10 liters per box
UN1993, Flammable Liquid n.o.s. (Octamethylcyclotetrasiloxane), 8, PGIII**15. Regulatory Information****OSHA Hazards:** Combustible Liquid, Moderate skin Irritant, Chronic Health Hazard**EPCRA - Emergency Planning and Community Right-to-Know** - none of the ingredients are listed**CERCLA Reportable Quantity** - This material does not contain any components with a CERCLA RQ.**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.**SARA 313:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.**California Prop. 65:** No ingredients listed**16. Other Information****Revision Date** 4/11/2017

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to ensure proper health, safety and other necessary information is included on the container.

Key or legend to abbreviations and acronyms used in the safety data sheet

ACGIH American Conference of Government Industrial Hygienists

LD50 Lethal Dose 50%

AICS Australia, Inventory of Chemical Substances

LOAEL Lowest Observed Adverse Effect Level

DSL Canada, Domestic Substances List

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NFPA National Fire Protection Agency
NDSL Canada, Non-Domestic Substances List
NIOSH National Institute for Occupational Safety & Health
CNS Central Nervous System
NTP National Toxicology Program
CAS Chemical Abstract Service
NZIoC New Zealand Inventory of Chemicals
EC50 Effective Concentration
NOAEL No Observable Adverse Effect Level
EC50 Effective Concentration 50%
NOEC No Observed Effect Concentration
EGEST EOSCA Generic Exposure Scenario Tool
OSHA Occupational Safety & Health Administration
EOSCA European Oilfield Specialty Chemicals Association
PEL Permissible Exposure Limit
EINECS European Inventory of Existing Chemical Substances
PICCS Philippines Inventory of Commercial Chemical Substances
MAK Germany Maximum Concentration Values
PRNT Presumed Not Toxic
GHS Globally Harmonized System
RCRA Resource Conservation Recovery Act
>= Greater Than or Equal to STEL
Short-term Exposure Limit IC50
Inhibition Concentration 50%
SARA Superfund Amendments and Reauthorization Act.
IARC International Agency for Research on Cancer TLV
Threshold Limit Value
IECSC Inventory of Existing Chemical Substances in China
TWA Time Weighted Average
ENCS Japan, Inventory of Existing and New Chemical Substances
TSCA Toxic Substance Control Act
KECI Korea, Existing Chemical Inventory
UVCB Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<= Less Than or Equal To
WHMIS Workplace Hazardous Materials Information System
LC50 Lethal Concentration 50%