



**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.

**Manufacturer or suppliers' details**

P & S Sales, Inc  
20943 Cabot Blvd.  
Hayward CA 94545

Emergency Number: 800-255-3924  
Customer Service: 510-732-2628  
Business Fax: 510-732-2632

**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 unwell**  
P308+313: **IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower**



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



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 feedingstuffs.

**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**

<b>Flash Point</b> 46°C (115°F) TCC	<b>Upper Flamability Limit</b>	Not Determined
<b>Auto Ignition</b> 645°K (1162°F)	<b>Lower Flamability Limit</b>	Not Determined
<b>Physical State</b> Liquid	<b>Color</b> Clear	<b>Vapor Press</b> 132 Pa at 25°C
<b>pH</b> N/A	<b>Specific Gravity</b> .947	<b>Viscosity</b> Thin
<b>Vapor Density (Air=1)</b> .97	<b>Melting Point °F</b> N/A	<b>Odor</b> Amine Solvent
<b>Water Solubility</b> Not Determined	<b>VOC Content</b>	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, Alkalies and Oxidizers such as Chlorine, other Halogens, Hydrogen Peroxide and Oxygen

**Hazardous**



**Decomposition Products** data is available.

## 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.



#### **14. Transportation Information**

##### **Domestic Transportation, not by air:**

Non-bulk packagings (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 packagings (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 insure 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 Sub- stances List



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%