

# Material Safety Data Sheet



Issue Date: 14/02/20

## Section 1: Identification

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### 1.1 Product Identifier

- Nv Glass

### 1.2. Details of the Supplier

- **Manufacturer & Supplier:** Nv Car Care
- **Address:** 34b, Trade Park Drive, Tullamarine, 3043, Victoria, Australia
- **Contact:** +61 493 302 177

## Hazard(s) Identification

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### 2.1. Hazard Classification:

- **Flammable Liquid:** Category 4
- **Acute Toxicity (Oral/Skin):** Category 5
- **Acute Toxicity (Inhalation):** Category 5
- **Skin Corrosive / Irritation:** Category 3
- **Serious eyes damage/Eyes Irritation:** Category 2B
- **Reproduction Toxicity:** Category 2
- **Specification target (internal organs) whole toxicity (single exposure):** Category 2 (systemic toxicity, lungs)
- **Specific target (internal organs) whole toxicity (repeat exposure):** Category 2 (systemic toxicity, lungs)

### 2.2. Hazard Statements:

- **H227:** Combustible liquid
- **H303:** Maybe be harmful if swallowed orally
- **H333:** May be harmful if inhaled (vapor, mist)
- **H316:** Causes mild skin irritation
- **H320:** Causes eye irritation
- **H361:** Suspected of damaging fertility or the unborn child
- **H371:** May cause damage to systemic toxicity, lungs.
- **H373:** May cause damage to systemic toxicity, lungs through prolonged exposure

### 2.3. Precautionary Statements

- **P202:** Do not handle until all safety precautions have been understood
- **P210:** Keep away from open flames, ignition sources, or hot surfaces - ensure no smoking in area
- **P233:** Keep container tightly closed
- **P264:** Wash hands thoroughly after handling
- **P270:** Do not eat, drink or smoke when using this product
- **P273:** Avoid release to the environment
- **P280:** Wear protective gloves, clothing, eye and face protection

## Composition/information on ingredients

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### 3.1. Composition of Chemical

- **Single substance or Compound:** Compound
- **Chemical composition:**

Common Chemical Name	Cas No	Content (%)
Silicone Oligomer	68037-85-4	85.70
Paraffin	8042-47-5	13.37%
Aluminium-chelate compound	80481-35-2	0.8%
Diamond (Nano)	7782-40-3	0.12%
Dispersing Agents	25133-97-5	0.01%

## First-aid measures

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### 4.1. Description of First Aid Measures

- **Inhalation:** If inhaled directly, remove yourself from the immediate area and get some fresh air. If symptoms worsen, seek medical attention.
- **Skin Contact:** Wipe affected area, and remove product from skin with a dry cloth/towel. Wash the exposed area thoroughly with suitable soap and water. If symptoms worsen, seek medical attention.
- **Eye Contact:** Flush out affected eye(s) immediately with plenty of water for 10-15 minutes, and promptly alert a physician.
- **Ingestion:** Wash mouth out with water immediately, provided the person is conscious. If unconscious, call a physician immediately, never give anything by mouth to an unconscious person.

## Fire-fighting measures

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### 5.1. Extinguishing Media

- Extinguish product with a dry chemical powder, foam or carbon dioxide

### 5.2. Prohibited Media:

- Water

### 5.3. Fire or Special Hazards

- Product may cause toxic vapor or gas whilst heating, or by fire and/or combustion

### 5.4. Advice for Firefighters

- Move product away from fire if there is no danger

## Accidental release measures

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### 6.1. Personal Precautions

- Ensure protective clothing is worn
- If insufficient ventilation is evident, ensure suitable respiratory equipment is used.
- Avoid contact with skin and eye
- Prohibit unauthorised access

### 6.2. Environmental Precautions

- Prevent spills from entering any watercourses, sewers or running down to lower areas.

### 6.3. Methods and Materials for Clean-up

- Stop the flow of material if possible without risk
- If possible, prevent the spills from spreading or entering any watercourses
- Cover with plastic sheet to prevent diffusion
- Absorb the product using non-combustible material such as ash, sand, soil, etc. and put in a container for disposal.
- After the spill has been properly taken up, wash the area thoroughly with appropriate detergents & water.
- Put all waste in a suitable container/bag and dispose appropriately
- Remove, clean and/or dispose of contaminated clothing.

## Handling and storage

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### 7.1. Advice for safe handling

- Handle only in an area that provided suitable ventilation
- When handling, avoid contact with eyes, skin & clothing.
- Keep the product away from heat or high temperatures.
- Avoid prolonged, or excessive/repeated exposure.

- Do not take food or drink in the area when working
- Ensure the material is handled with suitable protection
- Wash hands thoroughly after use

#### 7.2. Advice for safe storage

- Store the material in a well ventilated, cool and dry space that is away from direct sunlight
- Ensure material is kept away from heat, sparks, open flames, or other ignition sources
- Keep the bottle/container tightly closed when stored - and keep in original container

## Exposure controls / personal protection

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#### 8.1. Equipment Measures

- Use ventilating equipment and local exhaust ventilation
- Ensure an eye wash facility is in close proximity

#### 8.2. Personal Protection

- **Respiratory Protection:** Wear respiratory protection if necessary
- **Hand Protection:** Suitable, impervious gloves
- **Eye Protection:** Wear appropriate eye protection
- **Skin Protection:** Utilise suitable protective clothing

#### 8.3. Control Parameter

- Working Environment Measurement Standards

## Physical and chemical properties

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#### 9.1. Information on physical and chemical properties

- **Boiling Point:** No data
- **p H:** No data
- **Flash Point:** 110°C(Open Cup).
- **Density:** 1.02 (20°C).
- **Solubility in water:** water-insoluble
- **Appearance (colour):** Clear/Grey
- **Appearance (form):** Liquid
- **Odor:** Slight odor

## Stability and reactivity

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#### 10.1. Chemical Stability & Reactivity

- Stable and non-reactive under normal conditions of use, storage and transport.

#### 10.2. Conditions to avoid

- Avoid using the product in direct sunlight, high temperatures or high humidity

### 10.3. Incompatible materials

- Water and strong oxidising compounds

### 10.4. Hazardous decomposition products

- This material can react slowly with water to create methanol (hydrolysis)
- This product can create hazardous decomposition products such as carbon monoxide, carbon dioxide and silicon dioxide when heated or combusted.

## Toxicological information

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### 11.1. Information on toxicological effects

- **Acute toxicity data:** Category 5 (Silicone oligomer)
- **Irritation data:** Category 3 (Decomposition product : Methanol)
- **Serious Eye damage:** Category 2B (Decomposition product : Methanol).
- **Carcinogenicity:** No data
- **Reproductive toxicity:** Category 2 (Decomposition product : Methanol).
- **Specific Target Organ Systemic:** It may affect the lungs

## Ecological information

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### 12.1. Persistence and degradability

- **Ecotoxicity:** Methanol (Decomposition product)
  - Fish (Fathead Minnow) LC50 (96hr) > 100mg / L
  - Fish (Daphnia Magna) EC50 (48hr) > 10,000mg / L
- **Ecotoxicity:** No Data
- **Biodegradation:** No Data
- **Bioaccumulation:** No Data
- **Aquatic Toxicity:** No Data
- **Other Information:** No Data

## Disposal Information

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### 13.1. Waste treatment methods

- Do not allow this material to enter drains, waterways or sewers
- Wear protective clothing & gloves if necessary
- Ensure that any disposal practice must be in compliance with the users country, state, local & federal laws and regulations.
- Residue can be disposed of through incineration. Incinerators need to be appropriately equipped to tackle silica and other fine powders that will generate through incineration.

## Transport Information

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### 14.1. Land Transport (ADR/RID)

- **UN Number:** Not applicable.
- **UN Proper Shipping Name:** Not applicable.
- **Transport Hazard Class(es):** Not applicable.
- **Packing Group:** Not applicable.

### 14.2. Marine Transport (Refer to IMO)

- **UN Number:** Not applicable.
- **UN Proper Shipping Name:** Not applicable.
- **Transport Hazard Class(es):** Not applicable.
- **Packing Group:** Not applicable.

### 14.3. Air Transport (Refer to ICAO/IATA)

- **UN Number:** Not applicable.
- **UN Proper Shipping Name:** Not applicable.
- **Transport Hazard Class(es):** Not applicable.
- **Packing Group:** Not applicable.

## Regulatory information

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### 15.1. Safety, health and environmental regulations/legislation

- Non-correspondence

## Other information

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This information is only concerning the above-mentioned product, and will not be valid if this material is used with others, or processes. This information presented is our current best knowledge regarding the precautions & safety of this product, and is given with good faith without warranty. It still remains the user's responsibility to ensure that the information provided is appropriate for them.