# SAFETY DATA SHEET FOR PAINT AND COATINGS

in accordance to Regulation (EC) No1907/2006

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

| | |
|---|---|
| Product name | : NUVA UV-A curable Filler Putty (500g.) |
| Features Kinds | : UV curing PAINT |
| Product code | : 110001 (16.178.02.10) |

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

| | |
|---|---|
| Usage | : For professional use only |
| Field | : Automotive Repair |
| Use of the substance/mixture | : Body filler |
| Use advised against | : No additional information available |

### 1.3 Detail of the supplier of the safety datasheet

| | |
|---|---|
| Name | : Paint Smart Group Ltd |
| Address | : 10 Barberry Street, Tauranga (NZ) |
| Section | : Technical Department |
| Email | : admin@paintsmart.co.nz |
| Phone No | : +64 7 571 8921 |

### 1.1 Emergency telephone number

| | |
|---|---|
| Emergency Phone No | : National Poison Centre (24hrs) 0800 764 766 |

## SECTION 2: Hazardous identification

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 (CLP)**

| | |
|---|---|
| Skin Irritation, 2 | H315 |
| Skin Sens., 1 | H317 |
| Eye Irritation, 2 | H319 |
| Specific Target Organ Toxicity – Single exposure, 3 | H335 |
| Acute Tox, 4 | H302 |
| Aquatic acute, 1 | H400 |
| Aquatic Chronic, 2 | H411 |

### 2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP).

Hazard statements (CLP):
H302 – Harmful if swallowed.
H315 – Causes skin irritation.
H317 – May cause an allergic skin reaction.
H319 – Causes serious eye irritation.
H335 – May cause respiratory irritation.

Environment statements (CLP):
H410 – Very toxic to aquatic life with long lasting effects.
H412 – Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP):
P202 – Do not handle until all safety precautions have been read and understood.
P261 – Avoid breathing dust.
P273 – Avoid release to the environment.
P280 – Wear protective gloves, protective clothing and eye protection.
P314 – Get medical attention if you feel unwell.

### 2.3 Other hazards

No applicable information found.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Component and concentration of dangerous and hazardous materials

| Name | Product identifier | Content (%) | Classification according to Regulation (EC) No. 1272/2008 (CLP) |
|---|---|---|---|
| **Magnesium silicate monohydrate (Talc)** H203Si.3/4Mg | Cas No.: 14807-96-6<br>EC/List No.: 238-877-9 | 35 - 40 | No hazards classified |
| **Acrylic monomer** (1-methyl-1,2-ethanediyl)bis[oxy (methyl-2,1-ethanediyl)] diacrylate | Cas No.: 42978-66-5<br>EC/List No.: 256-032-2 | 25 - 30 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>STOT SE 3, H335<br>Aquatic Chronic 2, H411 |

| | | | |
|---|---|---|---|
| **Additives**<br>2-hydroxy-2-methylpropiophenone | Cas No.: 7473-98-5<br>EC/List No.: 231-272-0 | 1 - 5 | Acute Tox. 4, H302<br>Aquatic Acute 1, H400<br>Aquatic Chronic 3, H412<br>Aquatic Chronic 1, H410<br>Skin Sens. 1, H317 |
| **Matting agent**<br>Dioxosilane | Cas No.: 7631-86-9<br>EC/List No.: 231-545-4 | 1 - 5 | Eye Irrit. 2, H319<br>STOT SE 3, H335 |

## SECTION 4: First aid measures

The information consists of necessary first-aid instructions by relevant routes of exposure (inhalation, skin and eye contact, and ingestion)

### 4.1 Description of first aid measures

**INHALATION:**
**Primary route**: No significant signs or symptoms indicative of any adverse health hazard are expected to occur at standard conditions due to the low volatility of this material. However, aerosols, or vapors which may be generated at elevated processing temperatures, may cause respiratory tract irritation. Symptoms of irritation may include coughing, mucous production and shortness of breath.

**First aid measures**: Remove the victim from the contamination immediately to fresh air. If breathing is weak, irregular or has stopped, open his airway, loosen his collar and belt and administer artificial respiration. Keep the victim warm and quiet. And refer for medical attention.

**EYE CONTACT**
**Primary route**: Although no appropriate human or animal health effects data are known to exist, this material is expected to cause eye irritation. May cause moderate irritation, including burning sensation, tearing, redness or swelling.

**First aid measures**: Gently rinse the affected eyes with clean water for at least 15 minutes. Ask the victim to look up, down and side to side you rinse in order to better reach all parts of eyes. Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.

**SKIN CONTACT**
**Primary route**: Although no appropriate human or animal health effects date are known to exist, this material is expected to be a health hazard by skin absorption or irritant. May cause delayed skin irritation and blistering. Repeated or prolonged skin contact may cause a more sever skin response such as ulcers and scarring. Although, no appropriate human or animal health effects date are known to exist, this material may cause an allergic skin reaction (sensitization) in susceptible individuals upon repeated exposure.

**First aid measures**: Remove all contaminated clothing, shoes, socks from the affected areas as quickly as possible. Wash the affected areas with plenty of running water using a mild soap or skin shampoo.

**INGESTION**
**Primary route**: Although no appropriate human or animal health effects data are known to exist, this material is expected to be a slight ingestion hazard.

**First aid measures**: Do not induce vomiting. And refer for medical attention. Never give anything by mouth to someone who is unconscious or convulsing.

### 4.2 Most important symptoms and effects, both acute and delayed

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
This material or its emissions may induce an allergic or sensitization reaction and thereby aggravate systemic disease.

### 4.3 Indication of immediate medical attention and special treatment need

None required under normal conditions of use. Seek medical attention immediately in case of emergency.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing Media

**Suitable extinguishing media**

| | | | | | |
|---|---|---|---|---|---|
| Water: | ☐ | Carbon dioxide: | ☒ | Foam: | ☒ |
| Dry chemical: | ☒ | Sand: | ☐ | Others: | ☐ |

### 5.2 Special hazards arising from the substance or mixture

This product is not considered a fire hazard. No further relevant information available.

### 5.3 Advice for firefighter

Do not enter fire area without proper protection.
Fight fire from safe distance / protected location.
Heat / impurities may increase temperature / build pressure / rupture closed containers, spreading fire, increasing risk of burns / injuries.
Water may be ineffective in firefighting due to low solubility.
Use water spray / fog for cooling.
Pressure relief system may plug with solids, increasing risk of overpressure.
Notify authorities if liquid enters sewer / public waters. Toxic gasses (carbon monoxide) will form upon combustion.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas.
Evacuate non-essential personnel.
Shut off all sources of ignition.
No flares, smoking or flames in area.
Wear proper protective equipment.

### 6.2 Environmental precautions

Do not wash away into shower, watercourse or river.

### 6.3 Methods and material for containment and cleaning up

For small spills, absorb spill with inert material (e.g. dry sand or earth) then, place in a chemical waste container using non-sparking tools.
For large spills, dike for later disposal. In case of spills at clean room, wipe off by paper towel.

### 6.4 Reference to other sections

See section 8 for more information about personal equipment.
See section 13 for more information about disposal instructions.

## SECTION 7: Handling and storage

### 7.1 Conditions for safe handling

Avoid release of this material into sewer or waterways.
In case of handling, should be wore proper protective equipment to avoid contact and inhalation.

### 7.2 Conditions for safe storage, including any incompatibilities

Recommended storage temperature: below 35 °C.
Store in a well-ventilated place.
Store product closed and always in original packaging.
Keep away from heat and sunlight.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Components with workplace control parameters

| **Chemical name:** Magnesium silicate monohydrate (Talc) | **CAS No.:** 14807-96-6 |
|---|---|
| TWA: 2mg/$m^3$ (8hr)<br>STEL: 32mg/$m^3$ (15min.)<br>OSHA/PEL: No exposure limit established<br>ACGIH/TLV : No exposure limit established<br>Not classified as a human carcinogen | |

| **Chemical name:** Silicon dioxide | **CAS No.:** 7631-86-9 |
|---|---|
| TWA: 6mg/$m^3$ (inhalable dust), TWA: 2.4mg/$m^3$ (respirable dust)<br>DNEL industry: 4mg/$m^3$ (respirable fraction) | |

### 8.2 Exposure controls

**Appropriate engineering controls:**
Handle with accordance with good industrial hygiene and safety practice.
Always wash hands and face after working with this product.
Promptly remove soiled clothing / wash thoroughly before reuse. Shower after work using plenty of soap and water.

**Respiratory protection:**
If this material is handled at elevated temperature or under mist forming conditions, NIOSH/ MSHA approved respiratory protection equipment should be used.
Where protection from nuisance levels of dust is desired, use type N95 (US) or type P1 (EN 143) dust masks.

**Eye protection:**
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

**Skin protection:**
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

| **Protective gloves** | |
|---|---|
| Material: Nitrile rubber | Break through time: 480 min |
| Mimimum layer thickness: 0.11mm | Standard: EN374 |

**Control of environment exposure:**
Do not let product enter drains.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| Physical state | : Solid |
| Odor | : With acrylic odor |
| Vapor pressure | : No information |
| Solubility in water | : Negligible |
| pH | : Not applicable |
| Explosive properties | : No information |
| Flash point | : 196°C |
| Ignition point | : Not Applicable |

## SECTION 10: Stability and reactivity

**10.1 Reactivity**
Stable under normal condition.

**10.2 Chemical stability**
Stable with proper storage and handling.

**10.3 Possibility of hazardous reactions**
Hazardous reactions will not occur during storage and handling under normal condition.
Hazardous polymerization will not occur during storage and handling under normal condition.

**10.4 Conditions to avoid**
High temperature, oxidizing conditions, direct sunlight, ultraviolet radiation.

**10.5 Incompatible material**
Hazardous polymerization may occur. Acrid fumes - smoke/carbon monoxide / carbon dioxide may be released during a fire.

**10.6 Hazardous decomposition products**
Hazardous polymerization may occur. Acrid fumes - smoke/carbon monoxide / carbon dioxide may be released during a fire. In the event of fire: see Section 5.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

**Magnesium silicate monohydrate (Talc)** **CAS No.:** 14807-96-6

**Skin corrosion/irritation**
Skin – Human, Result: Mild skin irritation – 3h

**Carcinogenicity**
Carcinogenicity – Rat – Inhalation
Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Lungs, Thorax, or Respiration: tumors.
No component of this product present at levels greater tan or equal to 0.1% is identified as a know or anticipated carcinogen by NTP & OSHA.

**Silicon dioxide** **CAS No.:** 7631-86-9

**Acute toxicity**
Acute Dermal LD50 Rabbit: > 5000 mg/kg Occluded (dermal)
Acute Inhalation LC0 Rat: >= 0.69 mg/l 4.00 hours
Acute Oral LD50 Rat: > 5000 mg/kg

Other information: This product has no known adverse effect on human health.

**2-hydroxy-2-methylpropiophenone (Additives)** **CAS No.:** 7473-98-5

**Acute toxicity**
Acute Dermal Rat – male and female: 6,929 mg/kg
Acute Inhalation: No data available
Acute Oral LD50 – Rat – male and female: 1,694 mg/kg

**Skin corrosion/irritation**
Skin – Rabbit, Result: No skin irritation

**Serious eye damage/eye irritation**
Eyes – Rabbit, Result: No eye irritation

**Respiratory or skin sensitisation**
Maximisation test (GPMT) – Guinea pig
Did not cause sensitisation on laboratory animals.

**Germ cell mutagenicity**
In vitro assay
S. typhimurium
Result: negative

**Carcinogenicity**
No component of this product present at level greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP and OSHA.

**Additional Information**
Repeated dose Rat – male and female – NOAEL: 300 mg/kg

**Acrylic monomer** **CAS No.:** 42978-66-5

**Acute toxicity**
Acute Dermal LD50 Rabbit – male and female: > 2,000 mg/kg
Acute Inhalation LC0 Rat – male and female – 7h – 0.000545 mg/l
Acute Oral LD50 Rat – male and female: 6,800 mg/kg
Acute Intraperitoneal LD50 – Rat – 345 mg/kg
Remarks: Behavioral: Convulsions or effect on seizure threshold.
Behavioral: Ataxia

**Skin corrosion/irritation**
Skin – Rabbit, Result: Moderate skin irritation

**Serious eye damage/eye irritation**
Eyes – Rabbit, Result: Irritating to eyes. – 24h

**Respiratory or skin sensitisation**
In vitro assay – Mouse, Result: May cause sensitization by skin contact.

**Germ cell mutagenicity**
Test type: Mouse
Test system: lymphocyte
Metabolic activation: with and without metabolic activation
Result: positive

**Additional information**: Repeated dose toxicity – Rabbit – male and female – Dermal – LOAEL (Lowest observed adverse effect level) – 500 mg/kg

## SECTION 12: Ecological information

**NUVA filler putty** **CAS No.:** -

| Toxicity | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
|---|---|---|---|---|---|---|---|
| 12.1 Toxicity | | | | | | | No data |
| 12.2 Persistence and degradability | | | | | | | No data |
| 12.3 Bioaccumulative potential | | | | | | | No data |
| 12.4 Mobility in soil | | | | | | | No data |
| 12.5 Results of PBT and vPvB assessment | | | | | | | No data |
| 12.6 Other adverse effects | | | | | | | No data |

**Acrylic monomer** **CAS No.:** 42978-66-5

| Toxicity | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
|---|---|---|---|---|---|---|---|
| 12.1 Toxicity | LC50 | 96hr | 4.6-10 | mg/l | Leuciscus idus | - | - |
| | EC50 | 48hr | 89 | mg/l | Daphnia magna | - | - |
| | EC50 | 72h | 65.9 | mg/l | D. subspicatus | - | - |
| | EC50 | 30min. | 1,000 | mg/l | Sludge Treatm. | OECD 209 | - |
| 12.2 Persistence and degradability | | 28d | 48 | % | | | Partially biodegradable |

**2-hydroxy-2-methylpropiophenone (Additives)** **CAS No.:** 7473-98-5

| Toxicity | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
|---|---|---|---|---|---|---|---|
| 12.1 Toxicity | EC50 | 48hr | 119 | mg/l | Daphnia magna | OECD 202 | - |
| | EC50 | 72hr | 1.85 | mg/l | D. subspicatus | OECD 201 | - |
| 12.2 Persistence and degradability | | 28d | 90-100 | % | | OECD 301B | Readily biodegradable |

**Silicon dioxide** **CAS No.:** 7631-86-9

| Toxicity | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
|---|---|---|---|---|---|---|---|
| 12.1 Toxicity | NOEL | 72h | 10000 | mg/l | Algae | - | - |
| | EC50 | 24h | 10000 | mg/l | Daphnia | - | - |
| | LC0 | 96hr | 10000 | mg/l | Zebra danio | - | - |
| 12.2 Persistence and degradability | | | | | | | Not biodegradable |
| 12.3 Bioaccumulative potential | | | | | | | Does not bioaccumulate |
| 12.4 Mobility in soil | | | | | | | Low mobility |

## SECTION 13: Disposal considerations

Waste paints and opened containers should be asked to dispose with licensed industrial waste treatment company.
Do not wash away the water used for cleaning of vessels and equipment into shower or water way.
The waste producing from process of water refinishing and of incineration should be disposed of in accordance with governmental laws and environmental control regulations or asked to dispose with licensed special company.

## SECTION 14: Transportation Information

UN number: Not applicable
UN class: Not applicable

**Further information:**
This preparation is non-flammable.
Keep away from strong alkalis, strong acid alkali metals, oxidizing materials, and source of ignition.
International agreements on the transport and packaging.
**Packages smaller than or equal to 5kg, not dangerous goods.**

## SECTION 15: Regulatory information

| | |
|---|---|
| **HSNO Approval Number:** | HRS002645 |
| **HSNO Group Standard:** | Polymers |
| **HSNO Classification:** | SKIN IRRITATION – Category 2<br>EYE IRRITATION – Category 2<br>SKIN SENSITISATION – Category 1<br>SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE – Category 1<br>HAZARDOUS TO THE AQUATIC ENVIRONMENT CHRONIC – Category 3<br>HAZARDOUS TO THE AQUATIC ENVIRONMENT CHRONIC – Category 1<br>ACUTE ORAL TOXICITY – Category 4 |

| National Inventory | Status |
|---|---|
| Australia – AICS | Yes |
| Canada – DSL | Yes |
| Europe - EINEC | Yes |
| Japan - ENCA | Yes |
| USA - TSCA | Yes |
| New Zealand - NZIoC | Yes |
| **Legend:** | Yes = All ingredients are on the inventory<br>No = Not determined or one or more ingredients are not on the inventory and are not exempt from listing (see specific ingredients in brackets) |

Regulatory information about this preparation in your country or region should be examined by your own responsibility.

## SECTION 16: Other information

This SDS is intended to provide a summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered to be dependable and is accurate to the best of the Company's knowledge. However, the information is provided without any representation or warranty, expressed, or implied regarding its accuracy or correctness. The Company cannot assume responsibility for adverse events which may occur in the use and/or misuse of this product and expressly disclaims liability for loss, damage and/or expense arising out of or in any way connected with the handling, storage, use and/or disposal of this product.

We reserve the right to revise SDS periodically as new Information becomes available.