

# SAFETY DATA SHEET

According to Safe Work Australia

Printing date 22.11.2016

Revision: 22.11.2016

## 1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** SILICONE ABRILLANTADOR

**Other Means of Identification:** Mixture

**Recommended Use of the Chemical and Restriction on Use:** Building industry

**Details of Manufacturer or Importer:**

Smart Home Products Pty Ltd  
 96-108 Greens Road  
 Dandenong South VIC 3175

**Phone Number:** 03 8788 5900

**Emergency telephone number:** 0438 317 761

## 2 . HAZARDS IDENTIFICATION

**Hazardous Nature:**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).



Aerosol 1	H222-H229	Extremely flammable aerosol. Pressurised container: May burst if heated.
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Toxic To Reproduction 2	H361	Suspected of damaging fertility or the unborn child.
STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure.
Aspiration Hazard 1	H304	May be fatal if swallowed and enters airways.



Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.
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Skin Corrosion/Irritation 2	H315	Causes skin irritation.
Serious Eye Damage/Irritation 2A	H319	Causes serious eye irritation.
STOT SE 3	H335-H336	May cause respiratory irritation. May cause drowsiness or dizziness.

**Signal Word** Danger

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**Hazard Statements**

- H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H361 Suspected of damaging fertility or the unborn child.  
 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 H304 May be fatal if swallowed and enters airways.  
 H411 Toxic to aquatic life with long lasting effects.

**Precautionary Statements**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P251 Do not pierce or burn, even after use.  
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
 P211 Do not spray on an open flame or other ignition source.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P273 Avoid release to the environment.  
 P264 Wash hands thoroughly after handling.  
 P271 Use only outdoors or in a well-ventilated area.  
 P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P321 Specific treatment (see on this label).  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P312 Call a POISON CENTER/doctor if you feel unwell.  
 P308+P313 IF exposed or concerned: Get medical advice/attention.  
 P332+P313 If skin irritation occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P314 Get medical advice/attention if you feel unwell.  
 P331 Do NOT induce vomiting.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P391 Collect spillage.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P405 Store locked up.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P501 Dispose of contents/container in accordance with local/regional/national regulations.

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

**Chemical Characterization: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

110-54-3	Hexane	50-70%
	⚠ Flammable Liquids 2, H225; ⚠ Acute Toxicity (Inhalation) 4, H332	

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106-97-8	Butane ⚠ Flammable Gases 1, H220; ⚠ Gases Under Pressure (Compressed gas), H280	25-35%
2627-95-4	1,3-Divinyltetramethyldisiloxane ⚠ Skin Corrosion/Irritation 2, H315; Serious Eye Damage/Irritation 2A, H319; STOT SE 3, H335	10-20%

**Additional information:**

Fragrance - CAS not supplied - 0.5-2%

Additives - CAS not supplied - 0.5-1%

## 4 . FIRST AID MEASURES

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

**Ingestion:**

If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

**Symptoms Caused by Exposure:**

Inhalation: Inhalation of high concentrations of vapour causes respiratory irritation, including coughing, with nausea, central nervous system depression characterised by headache and dizziness, increased reaction time, fatigue and loss of co-ordination. If exposure to highly concentrated solvent atmosphere is prolonged this may lead to narcosis, unconsciousness, even coma and possible death.

WARNING: Intentional misuse by concentrating/inhaling contents may be lethal.

Skin Contact: Causes skin irritation. Toxic effects may result from skin absorption.

Eye Contact: Causes severe irritation to the eye and pronounced inflammation.

Ingestion: May cause gastrointestinal irritation, nausea, pain and vomiting.

## 5 . FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Foam, dry chemical powder or carbon dioxide.

**Specific Hazards Arising from the Chemical:** No further relevant information available.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

## 6 . ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved respiratory protection, chemical resistant gloves, protective clothing, apron and boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking

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**Environmental Precautions:** In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. If safe, damaged cans should be placed in a container outdoors, away from ignition sources, until pressure has dissipated. Use only non-sparking tools. Water spray or fog may be used to disperse vapour.

### 7 . HANDLING AND STORAGE

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep containers securely sealed and in an upright position. Protect from heat, sparks, open flames and other sources of ignition. Avoid storage at temperatures above 45 °C. Protect containers against physical damage and check regularly for leaks.

### 8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure Standards:**

**110-54-3 Hexane**

WES TWA: 72 mg/m<sup>3</sup>, 20 ppm

**106-97-8 Butane**

WES TWA: 1900 mg/m<sup>3</sup>, 800 ppm

**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

**Respiratory Protection:**

Air-fed respiratory equipment should be worn when this product is sprayed and under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

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**Eye and Face Protection:**

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

## 9 . PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

<b>Form:</b>	Aerosol
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Slight solvent odour
<b>Odour Threshold:</b>	Not determined.
<b>pH-Value:</b>	Not determined.
<b>Melting point/Melting range:</b>	Not determined
<b>Initial Boiling Point/Boiling Range:</b>	Not applicable, as aerosol.
<b>Flash Point:</b>	-60 °C
<b>Flammability:</b>	Highly flammable. Not applicable.

**Auto-ignition Temperature:**

**Decomposition Temperature:** Not determined.

**Explosion Limits:**

**Lower:** 0.8 Vol %

**Upper:** 13 Vol %

**Vapour Pressure:** Not determined.

**Density:** Not determined.

**Relative Density:** Not determined.

**Vapour Density:** Not determined.

**Evaporation Rate:** Not applicable

**Solubility in Water:** Not determined

**Partition Coefficient (n-octanol/water):** Not determined.

## 10 . STABILITY AND REACTIVITY

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** Heat, sparks, open flames and other sources of ignition.

**Incompatible Materials:** No further relevant information available.

**Hazardous Decomposition Products:** No information available

## 11 . TOXICOLOGICAL INFORMATION

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:****106-97-8 Butane**

Inhalation	LC <sub>50</sub> /4 h	658 mg/l (rat)
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**Acute Health Effects****Inhalation:**

Inhalation of high concentrations of vapour causes respiratory irritation, including coughing, with nausea, central nervous system depression characterised by headache and dizziness, increased reaction time, fatigue and loss of co-ordination. If exposure to highly concentrated solvent atmosphere is prolonged this may lead to narcosis, unconsciousness, even coma and possible death.

**Skin:** Causes skin irritation. Toxic effects may result from skin absorption.

**Eye:** Causes severe irritation to the eye and pronounced inflammation.

**Ingestion:** May cause gastrointestinal irritation, nausea, pain and vomiting.

**Skin Corrosion / Irritation:** Causes skin irritation.

**Serious Eye Damage / Irritation:** Causes serious eye irritation.

**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.

**Reproductive Toxicity:**

May damage fertility or the unborn child.

n-Hexane is classified by Safe Work Australia as Toxic to Reproduction Category 3.

**Specific Target Organ Toxicity (STOT) - Single Exposure:**

May cause drowsiness and dizziness.

May cause respiratory irritation.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

May cause damage to organs through prolonged or repeated exposure by inhalation.

**Aspiration Hazard:** May be fatal if swallowed and enters airways.

**Chronic Health Effects:** Repeated or prolonged exposure to irritants may produce conjunctivitis.

**Existing Conditions Aggravated by Exposure:** Skin conditions.

## 12 . ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available

**Aquatic toxicity:** Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

**Persistence and Degradability:** No information available

**Bioaccumulative Potential:** No information available

**Mobility in Soil:** No information available

**Other adverse effects:** No information available

## 13 . DISPOSAL CONSIDERATIONS

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

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## 14 . TRANSPORT INFORMATION

**UN Number****ADG, IMDG, IATA** UN1950**Proper Shipping Name****ADG** 1950 AEROSOLS**IMDG** AEROSOLS**IATA** AEROSOLS, flammable**Dangerous Goods Class****ADG Class:** 2 5F Gases.**IMDG Class:** 2.1**Packing Group:****ADG, IMDG, IATA** Void**Marine pollutant:** Symbol (fish and tree)**EMS Number:** F-D,S-U**Limited Quantities:** 1L

## 15 . REGULATORY INFORMATION

**Australian Inventory of Chemical Substances:**

106-97-8	Butane
2627-95-4	1,3-Divinyltetramethyldisiloxane
110-54-3	Hexane

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:** Not Scheduled.

## 16 . OTHER INFORMATION

**Date of Preparation or Last Revision:** 22.11.2016**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Flammable Gases 1: Flammable gases – Category 1

Aerosol 1: Aerosols – Category 1

Gases Under Pressure (Compressed gas): Gases under pressure – Compressed gas

Flammable Liquids 2: Flammable liquids – Category 2

Acute Toxicity (Inhalation) 4: Acute toxicity – Category 4

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A

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Toxic To Reproduction 2: Reproductive toxicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aspiration Hazard 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment, long-term (Chronic). Category 2

## **Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011”

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