SAFETY DATA SHEET

According to Safe Work Australia

Printing date 18.07.2014 Revision: 18.07.2014

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: CONTACT SPRAY

Recommended Use of the Chemical and Restriction on Use: Lubricant

Details of Manufacturer or Importer:
Soudal Australia Pty Ltd
Unit 1, 29 Prince William Drive
Seven Hills NSW 2147

Phone Number: 02 8678 7449

Emergency telephone number: 1300 507 011

2 . HAZARDS IDENTIFICATION

Hazardous Nature:


flame

Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Label Elements

Signal Word Danger

Hazard Statements
H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Precautionary Statements
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P251 Pressurized container: Do not pierce or burn, even after use.
P211 Do not spray on an open flame or other ignition source.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Additional Information AUH066 Repeated exposure may cause skin dryness or cracking.

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

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

Hazardous Components:		
106-97-8	Butane Flam. Gas 1, H220; Press. Gas, H280	>25%
74-98-6	Propane Flam. Gas 1, H220; Press. Gas, H280	>25%
64742-47-8	Distillates (petroleum), hydrotreated light Flam. Liq. 3, H226; Asp. Tox. 1, H304	>25%
8042-47-5	White mineral oil, petroleum Asp. Tox. 1, H304	1-20%

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.

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Skin Contact:
In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Do not apply chemical neutralising agents. Seek medical attention if symptoms occur.

Eye Contact:
In case of eye contact, rinse cautiously with water for several minutes. Do not apply neutralising agents. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion:
If swallowed, rinse out mouth, 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.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, polyvalent foam, BC powder or carbon dioxide.

Specific Hazards Arising from the Chemical:
Containers close to fire should be removed if safe to do so. Use water to keep fire exposed containers cool. Vapors are heavier than air and may travel long distance to a source of ignition and flash back. May build up electrostatic charges with risk of ignition. Hazardous decomposition products include oxides of carbon and small quantities of sulphur oxides.

Special Protective Equipment and Precautions for Fire Fighters:
Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

6 . ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:
Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing. 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.

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. Clean contaminated surfaces with an excess of water. Use only non-sparking tools.

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. Use explosion-proof equipment and lighting system. Take precautionary measures against static discharge. Pressurised container, do not pierce or burn even after use.
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. Protect from sunlight. Do not expose to temperatures exceeding 50 °C. Keep container tightly closed. Ground / bond container and receiving equipment. Keep away from heat/ sparks/open flames/hot surfaces. Store in a fireproof storeroom with ventilation at floor level. Storage life one year.

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8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:
Mineral oil mist:
TWA: 5 mg/m3 , STEL: 10 mg/m3 - ACGIH

106-97-8 Butane	
NES	TWA: 1900 mg/m³, 800 ppm
74-98-6 Propane	
NES	Asphyxiant

Engineering Contols:
Maintain air concentration below occupational exposure standards, providing adequate ventilation. Use explosion-proof ventilating equipment.

Personal Protective Equipment (PPE):

Respiratory Protection:
Use a Safe Work Australia approved vapour respirator 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. In air concentrations above exposure limit use gas mask with filter Type AX. 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.

Head and neck protection and other 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.

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:	
Form:	Aerosol
Colour:	Variable in colour.
Odour:	Characteristic
Odour Threshold:	No information available
pH-Value:	Not determined
Melting point/Melting range:	No information available
Initial Boiling Point/Boiling Range:	Not determined
Flash Point:	No information available
Flammability:	Contains extremely flammable components.
Auto-ignition Temperature:	Not determined
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour Pressure:	Not determined.

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Density:	Not determined.
Relative Density at 20 °C:	0.82
Vapour Density:	Not determined.
Evaporation Rate:	Not determined.
Solubility in Water:	Insoluble
Partition Coefficient (n-octanol/water):	Not determined.
VOC:	84 %

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: No information available

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Heat, sparks, open flames, hot surfaces and direct sunlight.

Incompatible Materials: No information available

Hazardous Decomposition Products:
Oxides of carbon and small quantities of sulphur oxides formed upon combustion.

11 . TOXICOLOGICAL INFORMATION

Toxicity:

LD_{50}/LC_{50} Values Relevant for Classification:		
106-97-8 Butane		
Inhalation	LC_{50}/4 h	658 mg/l (rat)
74-98-6 Propane		
Inhalation	LC_{50}/4 h	280000 ppm (rat) 513 mg/l (rat)

Acute Health Effects
Inhalation: Exposure to high concentrations may cause irritation of the respiratory tract and dry/sore throat.
Skin: Repeated exposure may cause skin dryness or cracking.
Eye: May cause redness and eye irritation.
Ingestion: Ingestion is not considered a potential route of exposure.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

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: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:
Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:
Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: Repeated exposure may cause skin dryness or cracking.

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12 . ECOLOGICAL INFORMATION

Ecotoxicity: No information available

Aquatic toxicity: No information available

Persistence and Degradability: No information available

Bioaccumulative Potential: No information available

Mobility in Soil: 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.

14 . TRANSPORT INFORMATION

UN Number	
ADG	1950
Proper Shipping Name	
ADG	AEROSOLS
Dangerous Goods Class	
ADG Class:	2.1
EMS Number:	F-D,S-U
Hazchem Code:	2YE
Special Provisions:	63, 190, 277, 327
Limited Quantities:	See SP277
Packagings & IBCs - Packing Instruction:	P003, LP02
Packagings & IBCs - Special Packing Provisions:	PP17, PP87, L2
Portable Tanks & Bulk Contatiners - Instructions:	Not applicable
Portable Tanks & Bulk Containers - Special Provisions:	Not applicable

15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances:	
106-97-8	Butane
74-98-6	Propane
64742-47-8	Distillates (petroleum), hydrotreated light
8042-47-5	White mineral oil, petroleum

16 . OTHER INFORMATION

Creation Date: 18.07.2014

Prepared by: MSDS.COM.AU Pty Ltd www.msds.com.au

Abbreviations and acronyms:
ADG: Australian Dangerous Goods

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GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds
LC50: Lethal concentration, 50 percent
LD50: 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)

Disclaimer

This MSDS 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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