

SPRAY ADHESIVE MULTIPURPOSE
Revision Number 1

Revision Date 07-Jun-2018
Supersedes Date: 07-Jun-2018

Section 1: Identification: Product identifier and chemical identity

Product Identifier

Product Name SPRAY ADHESIVE MULTIPURPOSE

Product Code(s)
30612304

Other means of identification

Proper Shipping Name Aerosols

UN Number UN1950

Pure substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Recommended use Adhesives

Uses advised against No information available

Details of manufacturer or importer

Supplier

Bostik Australia Pty Ltd
51-71 High Street,
Thomastown Victoria
Australia
Tel: 613 9279-9333
Fax: 613 9279-9342

ABN: 79 003 893 838

E-mail address au-bostik-sds@bostik.com

Emergency Telephone Number

Emergency telephone number 24-hr Emergency: 1800 033 111

Section 2: Hazard(s) identification

GHS Classification

Based on available information, this material is classified as hazardous according to criteria of Safe Work Australia

Aerosols	Category 1 - (H222)
Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2A - (H319)
Carcinogenicity	Category 2 - (H351)
Specific target organ toxicity (single exposure)	Category 3 - (H336)

Label Elements

Flame
Exclamation mark

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Health hazard



Signal word
DANGER!

Hazard statements

H222 - Extremely flammable aerosol
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H351 - Suspected of causing cancer
H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Pressurized container: Do not pierce or burn, even after use
Do not spray on an open flame or other ignition source

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place. Keep container tightly closed
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
Protect from sunlight

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Poison Schedule Number Not applicable

Section 3: Composition and information on ingredients, in accordance with Schedule 8

Substance

Not applicable

Mixture

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Chemical Name	CAS No	Weight-%
2-Methylpentane	107-83-5	30 - 40%
Methylene chloride	75-09-2	10 - 30%
n-Heptane	142-82-5	0 - 10%
Cyclohexane	110-82-7	0 - 10%
Methylcyclohexane	108-87-2	0 - 10%
Non-hazardous ingredients	Proprietary	Balance

Section 4: First aid measures

Emergency telephone number Poisons Information Center, Australia: 13 11 26
Poisons Information Center, New Zealand: 0800 764 766

FIRST AID

General advice Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.

Inhalation Remove to fresh air. IF exposed or concerned: Get medical advice/attention. Get medical attention immediately if symptoms occur.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

Skin contact Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

Ingestion Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

Self-protection of the first aider Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8). Avoid contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

Symptoms Burning sensation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5: Firefighting measures

Suitable Extinguishing Media

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO₂). Water spray.

Unsuitable extinguishing media DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

Special exposure hazards in a fire

Specific hazards arising from the chemical Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated.

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Protective equipment and precautions for firefighters

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges.

Other Information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

Environmental Precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Flood with water to complete polymerization and scrape off floor.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Precautions to prevent secondary hazards

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Advice on safe handling Use personal protection equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use spark-proof tools and explosion-proof equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid breathing vapors or mists. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local

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regulations.

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.

Section 8: Exposure controls and personal protection

Control parameters

Exposure Limits

Chemical Name	Australia
Methylene chloride 75-09-2	50 ppm TWA 174 mg/m ³ TWA
n-Heptane 142-82-5	400 ppm TWA 1640 mg/m ³ TWA 500 ppm STEL 2050 mg/m ³ STEL
Cyclohexane 110-82-7	100 ppm TWA 350 mg/m ³ TWA 300 ppm STEL 1050 mg/m ³ STEL
Methylcyclohexane 108-87-2	400 ppm TWA 1610 mg/m ³ TWA

OEL as published by Safe Work Australia

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.
Antistatic boots.

Hand protection Impervious gloves. Wear suitable gloves.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Environmental exposure controls No information available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical State Aerosol
Appearance Aerosol
Color Clear, colorless
Odor Solvent
Odor Threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u> •
pH	No data available	
Melting point / freezing point	No data available	
Boiling point / boiling range	Not applicable, Aerosol	
Flash Point	Not applicable, Aerosol	
Evaporation Rate	No data available	
Flammability (solid, gas)	Not applicable	
Flammability Limit in Air		

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Upper flammability limit:	No data available
Lower flammability limit:	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative Density	0.58
Water Solubility	Insoluble in water
Solubility(ies)	No data available
Partition Coefficient	No data available
Autoignition Temperature	>495 °C
Decomposition Temperature	No data available
Kinematic Viscosity	No data available
Dynamic Viscosity	No data available
Explosive properties	No information available
Oxidizing properties	No information available

OTHER INFORMATION

Solid content (%)	No information available
VOC	No information available
Density	No information available

Section 10: Stability and reactivity

Reactivity

Reactivity No information available.

Chemical stability

Stability Stable under normal conditions.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge Yes.

Possibility of Hazardous Reactions

Possibility of hazardous reactions None under normal processing.

Conditions to avoid

Conditions to avoid Heat, flames and sparks.

Incompatible Materials

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.

Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

Section 11: Toxicological information

Acute Toxicity

Information on likely routes of exposure

Product Information

Inhalation

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

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Eye contact	Specific test data for the substance or mixture is not available. Irritating to eyes. (based on components). Causes serious eye irritation.
Skin contact	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Symptoms	Redness. May cause redness and tearing of the eyes.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	56,615.70 mg/kg
ATEmix (dermal)	9,316.00 mg/kg mg/l
ATEmix (inhalation-dust/mist)	183.00 mg/l

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Methylene chloride	> 2000 mg/kg (Rat)	-	>86 mg/L (Rat) 4 h
n-Heptane	-	= 3000 mg/kg (Rabbit)	= 103 g/m ³ (Rat) 4 h
Cyclohexane	= 12705 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 9500 ppm (Rat) 4 h
Methylcyclohexane	> 3200 mg/kg (Rat)	>2920 mg/Kg bw (rat) 24 hour	>23 mg/l (vapour) (Rat- OECD 403)

See section 16 for terms and abbreviations

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Classification based on data available for ingredients. Irritating to skin.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Irritating to eyes.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available. None known.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	Australia
Methylene chloride 75-09-2	Carc. 2

Reproductive toxicity	No information available.
STOT - single exposure	May cause drowsiness or dizziness.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Section 12: Ecological information

Ecotoxicity

Ecotoxicity

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Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Methylene chloride 75-09-2	EC50 72 h > 500 mg/L (Pseudokirchneriella subcapitata) EC50 96 h > 500 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h = 193 mg/L (Lepomis macrochirus flow-through) LC50 96 h = 193 mg/L (Lepomis macrochirus static) LC50 96 h 140.8 - 277.8 mg/L (Pimephales promelas flow-through) LC50 96 h 262 - 855 mg/L (Pimephales promelas static)	EC50 = 1 mg/L 24 h EC50 = 2.88 mg/L 15 min	EC50 48 h = 27 mg/L (Daphnia magna)
n-Heptane 142-82-5	-	LC50 96 h = 375.0 mg/L (Cichlid fish)	-	EC50 24 h > 10 mg/L (Daphnia magna)
Cyclohexane 110-82-7	EC50 72 h > 9.3 mg/L (Pseudokirchnerella subcapitata)	LC50 96 h 23.03 - 42.07 mg/L (Pimephales promelas static) LC50 96 h 48.87 - 68.76 mg/L (Poecilia reticulata static) LC50 96 h 3.96 - 5.18 mg/L (Pimephales promelas flow-through) LC50 96 h 24.99 - 44.69 mg/L (Lepomis macrochirus static)	EC50 = 85.5 mg/L 5 min EC50 = 93 mg/L 10 min	EC50 24 h > 400 mg/L (Daphnia magna)
Methylcyclohexane 108-87-2	10 mg/l (Pseudokirchneriella subcapitata - OECD 201)	2.07 mg/l (Oryzias latipes)	-	3 mg/l (Daphnia magna - OECD 202)

Persistence and degradability

Persistence and degradability No information available.

Bioaccumulative potential

Bioaccumulative potential There is no data for this product.

Component Information

Chemical Name	Partition Coefficient
Methylene chloride 75-09-2	1.25
n-Heptane 142-82-5	4.66
Cyclohexane 110-82-7	3.44

Mobility

Mobility in soil No information available.

Mobility No information available.

Other Adverse Effects

Other Adverse Effects No information available.

Section 13: Disposal considerations

Waste treatment methods

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Waste from residues/unused products Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

Section 14: TRANSPORT INFORMATION

ADG

UN Number UN1950
Proper shipping name Aerosols
Hazard Class 2
Special Provisions 63, 190, 277, 327, 344, 381
Description UN1950, Aerosols, 2

IATA

UN/ID No UN1950
Transport hazard class(es) 2.1
ERG Code 10L
Special Provisions A145, A167, A802
Limited Quantity (LQ) 30 kg G
Description UN1950, Aerosols, flammable, 2.1

IMDG

UN Number UN1950
Transport hazard class(es) 2.1
EmS-No F-D, S-U
Limited Quantity (LQ) See SP277
Special Provisions 63,190, 277, 327, 344, 381, 959
Marine Pollutant Np
Description UN1950, Aerosols, 2.1

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available

Section 15: Regulatory information

REGULATORY INFORMATION

National Regulations

Australia

See section 8 for national exposure control parameters

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Poison Schedule Number Not applicable

National pollutant inventory

Subject to reporting requirement

Chemical Name	National pollutant inventory
2-Methylpentane 107-83-5	20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total
Methylene chloride 75-09-2	10 tonne/yr Threshold category 1 20 MW Threshold category 2b total 60000 MWH Threshold category 2b total

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	1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total
n-Heptane 142-82-5	20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total
Cyclohexane 110-82-7	10 tonne/yr Threshold category 1 20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total
Methylcyclohexane 108-87-2	20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total

International Inventories

AICS	Listed
NZIoC	Not Listed
ENCS	Not Listed
IECSC	Not Listed
KECL	Not Listed
PICCS	Not Listed

Legend:

- AICS - Australian Inventory of Chemical Substances
NZIoC - New Zealand Inventory of Chemicals
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

Section 16: Any other relevant information

Prepared By Product Safety & Regulatory Affairs

Revision Date 07-Jun-2018

Revision Note
First time release.

Key or legend to abbreviations and acronyms used in the safety data sheet

Section 8: Exposure controls and personal protection

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TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

Section 11: Toxicological information

LD50 (lethal dose)

Section 12: Ecological information

EC50 (effective concentration)

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet