

**1 IDENTIFICATION OF THE PRODUCT AND OF THE SUPPLIER**

Product Name	SUPERTAK HIGH PERFORMANCE ADHESIVE - AEROSOL	
Hazard Statement	Classified as Hazardous according to HSNO in New Zealand. Classified as a Dangerous Good according to NZS5433:1999 Transport of Dangerous Goods on Land.	
Recommended Use	A fast tack, fast grab, low soak-in spray adhesive designed to bond polyethylene to itself, concrete block, wood, and many hard to bond surfaces.	
Supplier	Bostik New Zealand Limited	
Street Address	19 Eastern Hutt Road, Wingate, Lower Hutt, New Zealand	
Telephone	++64 4 567 5119	
Facsimile	++64 4 567 5412	
Website	www.bostik.co.nz	
Emergency Telephone Number	National Poisons Centre 0800 POISON or 0800 764 766	
Emergency Response	In New Zealand	0800 CHEMCALL or 0800 243 622
	In Australia	1800 127 406
	Globally	++64 3 353 0199
Date of Preparation	23 December 2008	

2 HAZARDS IDENTIFICATION

Note: This product contains both volatile (solvents) and non-volatile components. During the normal use of this product, the hazardous volatile components evaporate and dissipate. The remaining non-volatile component is not hazardous.

Hazard Statement DANGER Extremely flammable aerosol

Precautions Keep away from ignition sources such as heat, sparks and open flames.
Do not handle until safety precautions have been read and understood.

HSNO Classifications

- 2.1.2A Extremely flammable aerosol
- 6.1E Acute toxicity – Harmful if swallowed or in contact with skin
- 6.3B Causes mild skin irritation
- 6.4A Causes severe eye irritation
- 6.9A Causes damage to organs through prolonged or repeated exposure



9.1B Toxic to aquatic life

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	Proportion
Hexanes (Mainly n-hexane)	110-54-3	Medium
Acetone	67-64-1	Medium
Isobutane	75-28-5	Medium
Propane	74-98-6	Medium
Dimethyl Ether	115-10-6	Medium
Non-hazardous materials	-	To 100%

High = >60% Medium = 10% - 60% Low = 1% - 10% Very Low = < 1%

4 FIRST AID MEASURES

If poisoning occurs, contact the National Poison Centre (New Zealand 0800 POISON or 0800 764 766).

First Aid**Inhalation**

Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Skin Contact

Remove contaminated clothing and wash skin with warm soapy water. Do not scrub. If swelling, redness, blistering or irritation occurs, get medical assistance.

Eye Contact

Immediately hold open and flood with water for at least 15 minutes. Eyelids to be held open. Get medical advice.

Ingestion

Rinse mouth with water. Get medical advice immediately. Do NOT give anything to drink. Do NOT induce vomiting because of risk of aspiration. Never give anything by the mouth to an unconscious patient. Watch for toxic effects.

Advice to Physician

Treat symptomatically. Effects may be delayed.

5 FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.



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Type of Hazard	Flammable Aerosol
HAZCHEM Code	Not applicable (UN 1950 AEROSOLS)
Fire Hazard Properties	Unknown due to the complex nature of this material. Fumes from complete or incomplete combustion of this material may include carbon dioxide, carbon monoxide, water vapour, oxides of nitrogen or a wide variety of innocuous or toxic fumes. Solvent vapours may form explosive mixtures with air. Vapours are heavier than air and may spread along ground to sources of ignition.
Extinguishing Media	Foam, dry chemical, carbon dioxide.
Unsuitable Extinguishing Media	Do not use a water jet.
Precautions for Firefighters	Wear full protective equipment, including self contained breathing apparatus.
Additional Advice	Keep adjacent containers cool by spraying with water.

6 ACCIDENTAL RELEASE MEASURES

Small Spills (<20 litres)	Extinguish all ignition sources. Avoid sparks, flames and heat. Avoid accidents and clean up immediately. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (rag or paper towels). Collect and seal in properly labelled containers or drums for disposal or recycling.
Large Spills (>20 litres)	Extinguish all ignition sources. Avoid sparks, flames, heat and the build up of static electricity. Consider evacuation of area and/or site. Alert Emergency Services if required. Slippery when spilt. Avoid accidents and clean up immediately. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours by wearing appropriate respirator. Contain spill to prevent run off into drains and waterways. Use absorbent (rags, soil, sand, or other inert material). Collect using spark-free shovels (ie. plastic) and seal in properly labelled containers or drums for disposal or recycling. See Disposal section of this SDS for further details.

7 HANDLING AND STORAGE

Handling	Keep away from ignition sources such as heat, sparks, open flames and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. This is a pressurized container: Do not pierce or burn, even after use. Avoid breathing of or contact with material. Use only in well ventilated areas. Static electricity must be avoided. Wear the appropriate personal protection equipment as specified in this SDS to prevent eye and skin contact. Wash thoroughly after handling.
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Storage Protect from sunlight and do not expose to temperatures exceeding 50°C. Keep away from heat, sparks, open flames and any other sources of ignition. Static electricity must be avoided. Store away from any incompatible materials as defined in Section 10 of this SDS. Check containers regularly for leaks.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Guidelines

Substance	WES-TWA	WES-STEL
n-Hexane	20ppm	-
Acetone	500 ppm	1000 ppm
Isobutane	-	-
Propane	-	-

Engineering Controls Use in a well ventilated area only. Vapour is heavier than air. Prevent concentration in hollows or sumps. Do NOT enter confined spaces where vapour may have collected. Keep containers in a well ventilated area. Explosion proof general and local exhaust ventilation system is required.

Personal Protection Equipment Avoid fume inhalation. Wear organic vapour respirator, especially if working in a poorly ventilated area. Selection of the correct cartridge is essential. Avoid skin contact. Avoid repeated and prolonged skin contact. Wear overalls or similar protective clothing. Wear solvent resistant gloves, and enclosed footwear. Avoid eye contact. Wear safety glasses, goggles or appropriate face shield.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Cream coloured liquid (aerosol)
Odour	Solvent
Flash Point °C	-104
Boiling Point °C	Not available
Lower & Upper Flammability Limits %	1 – 12.8
Auto-ignition Temperature °C	Not available
Percent Volatile by weight	54
Specific Gravity	0.7
Solubility in Water	Low

High = >60% Medium = 10% - 60% Low = 1% - 10% Very Low = < 1%

10 STABILITY AND REACTIVITY

Stability of Substance	This material is stable when stored and used as directed.
Conditions to Avoid	Keep away from sources of ignition.
Incompatible Materials	Avoid contact with strong oxidizers, reducers, acids and alkalis.
Hazardous Decomposition Products	Thermal decomposition is highly dependant on conditions. A complex mixture of airborne solids, liquids and gases, including carbon monoxide, carbon dioxide, oxides of sulphur & nitrogen, and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.
Hazardous Reactions	Will react with strong oxidising agents and reducers. Hazardous polymerisation will not occur.

11 TOXICOLOGICAL INFORMATION

Information given in this Safety Data Sheet is based on the data on the components and the toxicology of similar products.

No adverse health effects are expected if the product is handled in accordance with this SDS and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Oral Toxicity	Harmful if swallowed. LD ₅₀ >5000 mg/kg bw.
Acute Dermal Toxicity	Not toxic.
Acute Inhalation Toxicity	Not toxic, however product may be an irritant to mucous membranes and respiratory tract.
Skin Irritation	Causes mild skin irritation.
Eye Irritation	Causes eye irritation.
Sensitisation (Respiratory & Contact)	Not expected to be a sensitiser.
Carcinogenicity	Not expected to be carcinogenic.
Reproductive / Developmental Toxicity	Not expected to cause damage to fertility or the unborn child.
Mutagenicity	Not expected to be mutagenic.
Target Organ Systemic	Causes damage to organs through prolonged or repeated exposure. These organs include lungs, skin, and the central nervous system.

**12 ECOLOGICAL INFORMATION**

Acute Toxicity	
Aquatic	Toxic to aquatic life.
Soil	Not ecotoxic in the soil environment.
Terrestrial Vertebrate	Not ecotoxic to terrestrial vertebrates.
Terrestrial Invertebrate	Not ecotoxic to terrestrial invertebrates.
Persistence and degradability	The solvent in this product is readily biodegradable. The remainder of the product is expected to biodegrade slowly.
Bioaccumulation	No data available on the product itself, however based on the individual ingredients, there is a low potential to bioaccumulate.
Mobility	Partially miscible with water. Lighter than water.

13 DISPOSAL CONSIDERATIONS

Substance Disposal	Do not dispose of down drains or into local waterways. Recycle or recover whenever possible. Dispose of substance to a hazardous or special waste collection point or through a licensed contractor.
Container Disposal	Recycle if possible, or dispose of to a hazardous or special waste collection point. Beware: This is a pressurized container: Do not pierce or burn, even after use.
Local Legislation	Disposal should be in accordance with Hazardous Substances (Disposal) Regulations 2001, and with any other applicable regional and national laws and regulations.

14 TRANSPORT INFORMATION**Land Transport (NZS 5433:1999 Transport of Dangerous Goods on Land)**

UN Number	1950
Proper Shipping Name	AEROSOLS
DG Class	2.1
Subsidiary Risk	Not applicable
Packing Group	Not applicable
HAZCHEM Code	Not applicable



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Marine Transport (IMDG)

Identification Number	1950
Proper Shipping Name	AEROSOLS
Class / Division	2
Packing Group	Not applicable
Marine Pollutant	N

Air Transport (IATA)

UN Number	1950
Proper Shipping Name	AEROSOLS
Class / Division	2.1
Packing Group	Not applicable

15 REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Environmental Risk Management Authority (ERMA) Group Standard Number:

Aerosols (Flammable) Group Standard 2006
HSR002515

Hazardous Substances and New Organisms Act (HSNO):

The following are trigger quantities for this substance by itself in a place.

Approved Handler Test Certificate 3000 litres aggregate water capacity

Tracking Not applicable

16 OTHER INFORMATION

SDS Revisions

Safety Data Sheets are updated at least every 5 years. Obtain the latest version by visiting www.bostik.co.nz.

A vertical bar in the margin indicates an amendment from the previous version.

Reason for Issue

First Issue, Version 2

SDS Distribution

The information in this document should be made available to all who may handle this product.

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use the product in the



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workplace. Since Bostik New Zealand Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact Bostik New Zealand Limited.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is available upon request.

Key / Legend

SDS	Safety Data Sheet
HSNO	Hazardous Substances and New Organisms Act 1996
WES-TWA	The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.
WES-STEL	The 15 minute average exposure standard. This applies to any 15 minute period in a working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to WES-TWA; both the short-term and time-weighted average exposures apply.

Disclaimer This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.