

Safety Data Sheet

Page 1 of 10

DALTABOND SUPRASEC 7113 22KG

MSDS-No. : 484408

V001.1

Date of issue: 1.1.2024

Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: DALTABOND SUPRASEC 7113 22KG

Intended use: Adhesive

Supplier:
Nightingale Supply
12a Hungerford Street
Northgate QLD 4013
Australia

Phone: 07 3260 6544

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

Section 2. Hazards identification

Classification of the substance or mixture

Hazardous according to the criteria of Safe Work Australia.

GHS Classification:

<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Route of Exposure</u>	<u>Target organ</u>
Acute toxicity	Category 4	Inhalation	
Skin irritation	Category 2		
Serious eye irritation	Category 2A		
Respiratory sensitizer	Category 1		
Skin sensitizer	Category 1		
Carcinogenicity	Category 2		
Target Organ Systemic Toxicant - Single exposure	Category 3		respiratory tract irritation
Target Organ Systemic Toxicant - Repeated exposure	Category 2		Central Nervous System

Hazard pictogram:



Signal word: Danger

Hazard statement(s):	H332 Harmful if inhaled. H315 Causes skin irritation. H319 Causes serious eye irritation. H351 Suspected of causing cancer. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause an allergic skin reaction. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure.
Precautionary Statement(s):	
Prevention:	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P285 In case of inadequate ventilation wear respiratory protection. P264 Wash hands thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace.
Response:	P302+P352 IF ON SKIN: Wash with plenty of water. P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P308+P313 IF exposed or concerned: Get medical advice/attention. P362 Take off contaminated clothing.
Storage:	P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.
Disposal:	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

Classification of material Xn - Harmful Xi - Irritant

Risk phrases:

R20 Harmful by inhalation.
R36/37/38 Irritating to eyes, respiratory system and skin.
R40 Limited evidence of a carcinogenic effect.
R42/43 May cause sensitization by inhalation and skin contact.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Safety phrases:

S23 Do not breathe vapour.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of water and soap.
S37/39 Wear suitable gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S46 If swallowed, seek medical advice immediately and show this container or label.

Dangerous Goods information:

Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Signal word:

HAZARDOUS

Section 3. Composition / information on ingredients**General chemical description:** Mixture**Identity of ingredients:**

Chemical ingredients	CAS-No.	Proportion
Dichloromethane	75-09-2	30- 60 %
Reaction product polyol with methylenediphenyl diisocyanate~		30- 60 %
Methylenediphenyl diisocyanate	26447-40-5	10- 30 %
Butanone	78-93-3	< 5 %
non hazardous ingredients~		< 10 %

Section 4. First aid measures

Ingestion: Rinse mouth, do not induce vomiting, consult a doctor.

Skin: Immediately remove soiled or soaked clothing.
Immediately wash skin thoroughly with soap and water.
Seek medical advice.

Eyes: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Seek medical advice.

Inhalation: Move to fresh air.
Seek medical advice.

First Aid facilities: Eye wash and safety shower
Normal washroom facilities

Medical attention and special treatment: Treat symptomatically.

Exposed persons should be kept under medical observation for at least 48 hours because delayed effects may occur.

Section 5. Fire fighting measures

Suitable extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Improper extinguishing media: High pressure waterjet

Decomposition products in case of fire:: In case of fire toxic gases can be released.
Isocyanates.
Oxides of nitrogen.
carbon monoxide
Carbon dioxide

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus.
Wear protective equipment.

Additional fire fighting advice: In case of fire, keep containers cool with water spray.

Hazchem code: 2Z

Section 6. Accidental release measures

- Personal precautions:** Remove sources of ignition.
Ensure adequate ventilation.
Avoid contact with skin and eyes.
Use personal protective equipment as described in Section 8.
- Environmental precautions:** Do not empty into drains / surface water / ground water.
- Clean-up methods:** Absorb spill with inert material. Shovel material into appropriate container for disposal.
Dispose of contaminated material as waste according to Section 13.

Section 7. Handling and storage

- Precautions for safe handling:** Do not inhale vapors and fumes.
Avoid skin and eye contact.
Use only in well-ventilated areas.
Wear suitable protective clothing, safety glasses and gloves.
See advice in section 8
- Conditions for safe storage:** Ensure good ventilation/extraction.
Store in a cool, dry place.
Store at room temperature.
Keep away from heat and direct sunlight.
Keep container tightly sealed.
Must be stored in the facility for the dangerous goods

Section 8. Exposure controls / personal protection**National exposure standards:**

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (ppm)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
METHYLENE CHLORIDE 75-09-2		50	174	-	-	-	-
ISOCYANATES, ALL (AS NCO) 26447-40-5			0.02	-	-	-	-
ISOCYANATES, ALL (AS NCO) 26447-40-5		-	-	-	-		0.07
METHYL ETHYL KETONE (MEK) 78-93-3		150	445	-	-	-	-
METHYL ETHYL KETONE (MEK) 78-93-3		-	-	-	-	300	890

- Engineering controls:** Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
Ventilation should effectively remove and prevent buildup of any vapor/mist/fume/dust generated from the handling of this product.
- Eye protection:** Wear chemical goggles.
- Skin protection:** Use of protective coveralls and long sleeves is recommended.
Use impervious gloves.

Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.
- Respiratory protection:** If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

Section 9. Physical and chemical properties

Appearance:	red viscous
Odor:	characteristic
Boiling point:	41 °C (105.8 °F)
Density:	1.17 g/cm ³
Viscosity (dynamic):	75 mPa.s
(; 20 °C (68 °F); Method: Supplier method)	

Section 10. Stability and reactivity

Stability:	Stable under normal conditions of temperature and pressure.
Conditions to avoid:	Keep away from open flames, hot surfaces and sources of ignition.
Incompatible materials:	Alkali metals Alkalis. Amines. Oxidizing agents.
Hazardous decomposition products:	In case of fire toxic gases can be released. Isocyanates. Oxides of nitrogen. carbon monoxide carbon dioxide
Hazardous polymerization:	Will not occur.

Section 11. Toxicological information

Health Effects:**Ingestion:**

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Skin:

Irritating to skin.

Symptoms may include redness, edema, drying, defatting and cracking of the skin.

May cause skin sensitization.

Eyes:

Causes eye irritation.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Inhalation:

Harmful if inhaled; may cause delayed lung damage.

This product is irritating to the respiratory system.

Vapours may cause drowsiness and dizziness.

May cause allergic respiratory reaction.

Chronic effects:**Dichloromethane**

75-09-2:

The tumour risk cannot yet be evaluated conclusively, low tumour risk for the liver.

Aggravated med.**condition:**

Pre-existing skin or lung allergies may increase the chance of developing exaggerated allergic symptoms from exposure to this product.

Carcinogenicity:

Category 2 (Carcinogen), Suspected of causing cancer.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Dichloromethane 75-09-2	LD50	2,120 mg/kg	oral		rat	OECD Guideline 402 (Acute Dermal Toxicity)
	LD50	> 2,000 mg/kg			rat	
Methylenediphenyl diisocyanate 26447-40-5	LD50	> 2,000 mg/kg	dermal		rat	
	LD50	> 6,200 mg/kg	oral		rabbit	
Butanone 78-93-3	Acute toxicity estimate (ATE)	2,600 mg/kg	dermal			Expert judgement
		2,600 - 5,400 mg/kg	oral		rat	
		> 5000 ppm	oral		rat	
	LD50	6,400 - 8,000 mg/kg	inhalation	6 h	rabbit	
	LC50		dermal			
	LD50					

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Dichloromethane 75-09-2	irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Methylenediphenyl diisocyanate 26447-40-5	highly irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Butanone 78-93-3	moderately irritating		rabbit	

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Dichloromethane 75-09-2	irritating		rabbit	
Methylenediphenyl diisocyanate 26447-40-5	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Butanone 78-93-3	irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Dichloromethane 75-09-2	not sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
Butanone 78-93-3	not sensitising	Guinea pig maximisation test	guinea pig	

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Dichloromethane 75-09-2	positive	bacterial reverse mutation assay (e.g. Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Methylenediphenyl diisocyanate 26447-40-5	negative	bacterial reverse mutation assay (e.g. Ames test)	with and without		
Butanone 78-93-3	negative	bacterial reverse mutation assay (e.g. Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Repeated dose toxicity:

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Butanone 78-93-3	NOAEL=2500 ppm	inhalation	90 days 6 hours/day, 5 days/week	rat	
Butanone 78-93-3	LOAEL=5000 ppm	inhalation	90 days 6 hours/day, 5 days/week	rat	

Section 12. Ecological information

General ecological information:

Do not empty into drains, soil or bodies of water.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Dichloromethane 75-09-2	LC50	193 mg/l	Fish	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
Dichloromethane 75-09-2	EC50	220 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Dichloromethane 75-09-2	EC50	> 660 mg/l	Algae	96 h	Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Dichloromethane 75-09-2	EC10	> 500 mg/l	Bacteria	16 h		
Methylenediphenyl diisocyanate 26447-40-5	LC50	> 10,000 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	
Methylenediphenyl diisocyanate 26447-40-5	EC50	> 750 mg/l	Daphnia	24 h	Daphnia pulex	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Methylenediphenyl diisocyanate 26447-40-5	EC 50	> 100 mg/l	Bacteria	3 h		OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Butanone 78-93-3	LC50	3,220 mg/l	Fish	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
Butanone 78-93-3	EC50	5,091 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Butanone 78-93-3	EC50	> 1,000 mg/l	Algae			OECD Guideline 201 (Alga, Growth Inhibition Test)
Butanone 78-93-3	EC 50	> 1,000 mg/l	Bacteria			OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Dichloromethane 75-09-2	inherently biodegradable	aerobic	5 - 26 %	OECD Guideline 301 C (Ready Biodegradability: Modified MITI Test (I))
Butanone 78-93-3	readily biodegradable	aerobic	> 60 %	OECD 301 A - F

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Dichloromethane 75-09-2	1.25					
Butanone 78-93-3	0.29					

Section 13. Disposal considerations

Waste disposal of product:	Collection and delivery to recycling enterprise or other registered elimination institution.
Disposal for uncleaned package:	After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated. Dispose of in accordance with local and national regulations.

Section 14. Transport information**Road and Rail Transport:**

Dangerous Goods information:	Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).
UN no.:	1593
Proper shipping name:	DICHLOROMETHANE (solution)
Class or division:	6.1
Packing group:	III
Hazchem code:	2Z
Emergency information:	Refer to the Dangerous Goods - Initial Emergency Response Guide HB 76.

Marine transport IMDG:

UN no.:	1593
Proper shipping name:	DICHLOROMETHANE (solution)
Class or division:	6.1
Packing group:	III
EmS:	F-A ,S-A
Seawater pollutant:	-

Air transport IATA:

UN no.:	1593
Proper shipping name:	Dichloromethane (solution)
Class or division:	6.1
Packing group:	III
Packing instructions (passenger)	655
Packing instructions (cargo)	663

Section 15. Regulatory information

SUSMP Poisons Schedule	5
AICS:	All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

Section 16. Other information

Abbreviations/acronyms:	ADGC - Australian Dangerous Goods Code IMDG: International Maritime Dangerous Goods code IATA-DGR: International Air Transport Association – Dangerous Goods Regulations STEL - Short term exposure limit TWA - Time weighted average
Reason for issue:	Reviewed SDS. Reissued with new date. involved chapters: 1 - 16
Date of previous issue:	20.02.2014
Disclaimer:	The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel Australia Pty. Limited, but only as an approximate guide to the content of hazardous ingredients in the material. The information contained herein does not constitute a guarantee by Henkel Australia Pty. Limited concerning the properties of the material. The information contained in the Safety Data Sheet is offered in good faith and has been developed from what is believed to be accurate and reliable sources. The information is offered without warranty, representation, inducement or licence and Henkel Australia Pty. Limited assumes no legal responsibility for reliance upon same. Henkel Australia Pty. Limited disclaims any liability for loss, injury or damage incurred in connection with the use of the material or its associated Safety Data Sheet. This information is not to be construed as a representation that the material is suitable for any particular purpose or use except those conditions and warranties implied by either Commonwealth or State statutes. Customers are encouraged to make their own enquiries as to the material's characteristics and, where appropriate, to conduct their own tests in the specific context of the material's intended use.