



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Dekaseal 1512**
Colours: Black, Grey and White
Product Use: Adhesives, sealants
Restriction of Use: Refer to Section 15

New Zealand Supplier: **Auto Body Equipment**
Address: 17 The Boulevard
Te Rapa, Hamilton, 3200
New Zealand

Telephone: +64 7 849 3514
Email: office@abe.co.nz
Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 10 May 2023

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval No: Surface Coatings and Colourants (Subsidiary) – HSR002670

Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Hazardous to the aquatic environment chronic Cat. 3	H412	Harmful to aquatic life with long lasting effects.

Prevention Code	Prevention Statement
P103	Read carefully and follow all instructions.
P273	Avoid release to the environment.

Response Code	Response Statement
None allocated	

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Kohlenwasserstoffe, C9-C10, n-Alkane, Isoalkane, Cyclics, <2% Aromaten	15 - <20	64742-49-0

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	1 - <5	EC no: 927-241-2
2,6-Di-tert-butyl-p-kresol	<1	128-37-0

Further Information:

Hydrocarbons meet the requirements for not being classified as carcinogenic (<0,1% benzene alt<3% (w/w) DMSO extract (IP 346)).

Section 4. First Aid Measures

Routes of Exposure:

- If in Eyes Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation seek medical assistance if needed.
- If on Skin Wash with plenty of water/Soap. If skin irritation occurs: Get medical advice/attention.
- If Swallowed If swallowed, rinse mouth with water (only if the person is conscious). Call a physician immediately. Do NOT induce vomiting. Put victim at rest, cover with a blanket and keep warm.
- If Inhaled 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. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Symptoms: None known.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from products	No further relevant information available.
Suitable Extinguishing media	Alcohol resistant foam, Carbon dioxide (CO2), Extinguishing powder. Water fog. Do not use high power water jet.
Precautions for firefighters and special protective clothing	Wear a self-contained breathing apparatus. Full protection suit. Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
HAZCHEM CODE	None allocated.

Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Remove all sources of ignition. Provide adequate ventilation. Avoid breathing fumes, vapour or spray. Avoid contact with skin, eyes and clothes.

Do not allow to enter into surface water or drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).
Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.
Dispose of waste according to the applicable local regulations detailed in Section 13.

Section 7. Handling and Storage

Precautions for Handling:

- Read carefully and follow all instructions.
- Use only outdoors or in a well-ventilated area.
- If handled uncovered, arrangements with local exhaust ventilation have to be used.
- Do not breathe fumes, vapour, spray.
- The usual precautionary measures are to be adhered to when handling chemicals.
- Keep away from food, drink and animal feedingstuffs.
- Remove contaminated, saturated clothing immediately.
- Draw up and observe skin protection programme.
- Wash hands and face before breaks and after work and take a shower if necessary.
- When using do not eat or drink.

Precautions for Storage:

- No special measures are necessary.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Butylated hydroxytoluene [128-37-0]	-	10	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the 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 the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13TH EDITION.

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
7727-43-7	Bariumsulfat			
	worker DNEL, long-term	inhalation	systemic	10 mg/m ³
	worker DNEL, long-term	inhalation	local	10 mg/m ³
	Consumer DNEL, long-term	inhalation	systemic	10 mg/m ³
	Consumer DNEL, long-term	oral	systemic	13000 mg/kg bw/day
64742-49-0	kohlenwasserstoffe, C9-C10, n-Alkane, Isoalkane, Cyclics, <2% Aromaten			
	worker DNEL, long-term	inhalation	systemic	871 mg/m ³
	worker DNEL, long-term	dermal	systemic	77 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	185 mg/m ³
	Consumer DNEL, long-term	dermal	systemic	46 mg/kg bw/day
	Consumer DNEL, long-term	oral	systemic	46 mg/kg bw/day
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics			
	worker DNEL, long-term	dermal	systemic	208 mg/kg bw/day
	worker DNEL, long-term	inhalation	systemic	871 mg/m ³
	Consumer DNEL, long-term	inhalation	systemic	185 mg/m ³
	Consumer DNEL, long-term	dermal	systemic	125 mg/kg bw/day
	Consumer DNEL, long-term	oral	systemic	125 mg/kg bw/day
1333-86-4	Ruß (Kohlenstoff, amorph)			
	worker DNEL, long-term	inhalation	systemic	2 mg/m ³
	worker DNEL, long-term	inhalation	local	2 mg/m ³
128-37-0	2,6-Di-tert-butyl-p-kresol			

worker DNEL, long-term	inhalation	systemic	3,5 mg/m ³
worker DNEL, acute	inhalation	systemic	18 mg/m ³
worker DNEL, long-term	dermal	systemic	0,5 mg/kg bw/day
worker DNEL, acute	dermal	systemic	19 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	0,78 mg/m ³
Consumer DNEL, acute	inhalation	systemic	3,1 mg/m ³
Consumer DNEL, long-term	dermal	systemic	0,25 mg/kg bw/day
Consumer DNEL, acute	dermal	systemic	6,7 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	0,25 mg/kg bw/day
Consumer DNEL, acute	oral	systemic	1 mg/kg bw/day

PNEC values

CAS No	Substance	Environmental compartment	Value
7727-43-7	Bariumsulfat	Freshwater	0,115 mg/l
		Freshwater sediment	600,4 mg/kg
		Micro-organisms in sewage treatment plants (STP)	62,2 mg/l
		Soil	207,7 mg/kg
1333-86-4	Ruß (Kohlenstoff, amorph)	Freshwater	5 mg/l
		Marine water	5 mg/l
128-37-0	2,6-Di-tert-butyl-p-kresol	Freshwater	0,000199-0,0023 mg/l
		Marine water	0,0000199-0,0002 3 mg/l
		Freshwater sediment	0,0996-3,4 mg/kg
		Marine sediment	0,00996-0,34 mg/kg
		Micro-organisms in sewage treatment plants (STP)	0,17-100 mg/kg

Engineering Controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Personal Protection Equipment



Eyes	Eye glasses with side protection (EN 166).
Hands	FKM (fluoro rubber), Breakthrough time: 480 min. NBR (Nitrile rubber), Breakthrough time: 480 min. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Protective gloves have to be replaced at the first sign of deterioration. Protect skin by using skin protective cream.
Skin	Wear anti-static footwear and clothing.
Respiratory	Work in well-ventilated zones or use proper respiratory protection. gas filtering equipment (EN 141)., Filter material/medium: A2/P2

Section 9 Physical and Chemical Properties

Product Name: Dekaseal 1512
Date of SDS: 10 May 2023

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd
Tel: 64 9 475 5240 www.techcomp.co.nz

	BLACK	GREY	WHITE
Form	Paste	Paste	Paste
Colour	Black	Grey	Whitish
Odour	Characteristic	Characteristic	Characteristic
Odour Threshold	Not available	Not available	Not available
pH @20°C	Not available	Not available	Not available
Boiling Point	136-164°C	136-164°C	136-164°C
Melting Point	Not available	Not available	Not available
Freezing Point	Not available	Not available	Not available
Flash Point	>70°C	29°C	>70°C
Flammability	Non Flammable	Non Flammable	Non Flammable
Upper and Lower Explosive Limits	0.8 Vol% - 6 Vol %	0.8 Vol% - 6 Vol %	0.6 Vol% - 7 Vol %
Vapour Pressure	5 hPa @20°C / 30hPa @ 50°C	5 hPa @20°C	5 hPa @20°C / 30hPa @ 50°C
Density@ 20°C	1.48 g/cm ³ DIN51757	1.48 g/cm ³ DIN51757	1.5 g/cm ³ DIN51757
Specific Gravity	Not available	Not available	Not available
Water Solubility	Insoluble in water.	Insoluble in water.	Insoluble in water.
Partition Coefficient:	Not available	Not available	Not available
Auto-Ignition Temperature	>200°C	>200°C	>200°C
Decomposition Temperature	Not available	Not available	Not available
Dynamic / Viscosity @20°C	2.500 mPa·s	Not available	2.500 mPa·s
Particle Characteristics	Not available	Not available	Not available
Solvent content	17.9 %	14.9 %	17.3 %
Solids content	80.2 %	83.1 %	80.7 %

Section 10. Stability and Reactivity

Stability of Substance	The product is stable under storage at normal ambient temperatures.
Possibility of hazardous reactions	No hazardous reaction when handled and stored according to provisions.
Conditions to Avoid	None known.
Incompatible Materials	None known.
Hazardous Decomposition Products	Carbon monoxide.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Not applicable.
Skin	Not applicable.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.

Acute Toxicity for components:

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-49-0	Kohlenwasserstoffe, C9-C10, n-Alkane, Isoalkane, Cyclics, <2% Aromaten				
	oral	LD50 mg/kg	>5000	Rat	
	dermal	LD50 mg/kg	>5000	Rabbit	
	inhalation vapour	LC50 mg/l	>5000	Rat	
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics				
	oral	LD50 mg/kg	>5000	Rat	
	dermal	LD50 mg/kg	>5000	Rabbit	
	inhalation (4 h) vapour	LC50 mg/l	>5000	Rat	
128-37-0	2,6-Di-tert-butyl-p-kresol				
	oral	LD50 mg/kg	>5000	Rat	
	dermal	LD50 mg/kg	>5000	Rat	

Section 12. Ecotoxicological Information

Harmful to aquatic life with long lasting effects.

Toxicity:

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h] [d] species	Source	Method
128-37-0	2,6-Di-tert-butyl-p-kresol				
	Acute crustacea toxicity	EC50 0,61 mg/l	0,48- 48 h		

Persistence and Degradability:

There are no data available on the mixture itself.

CAS No	Chemical name		
	Method	value	d
	Evaluation		
64742-49-0	Kohlenwasserstoffe, C9-C10, n-Alkane, Isoalkane, Cyclics, <2% Aromaten		
	OECD 301F	> 60 %	28
	Leicht biologisch abbaubar (nach OECD-Kriterien).		
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics		
	OECD 301F	> 60 %	28
	Readily biodegradable (according to OECD criteria).		

Bioaccumulative Potential:

There are no data available on the mixture itself.

CAS No	Chemical name	Log Pow
128-37-0	2,6-Di-tert-butyl-p-kresol	5,10

Mobility in Soil:

There are no data available on the mixture itself.

Do not allow to enter waterways.

Section 13. Disposal Considerations

Disposal Method:

Dispose as per Local Regulations.

Precautions or methods to avoid: Do not allow to enter waterways.

Section 14 Transport Information

This product is not classified as a Dangerous Good for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021

Section 15 Regulatory Information

New Zealand:

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Surface Coatings and Colourants (Subsidiary) – HSR002670

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L
Emergency Response Plan	1000L
Secondary Containment	1000L
Restriction of Use	Only use for the intended purpose.

Section 16 Other Information

Glossary

EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices April 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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Please contact Auto Body Equipment, if further information is required.

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