SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product:	**Dinitrol 860 Skimfix**
Product Use:	Adhesive
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:	22 June 2018

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

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

Pictograms

Irritation

Signal Word: **Warning**

HSNO Classes	Hazard Code	Hazard Statement	GHS Category
6.3A	H315	Causes skin irritation.	Skin Irrit. 2
6.4A	H319	Causes serious eye irritation.	Eye Irrit. 2A
9.1C	H412	Harmful to aquatic life with long lasting effects.	Aquatic Chronic 3

Prevention Code	Prevention Statement
P103	Read label before use.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective clothing.

Response Code	Response Statement
P362	Take off contaminated clothing and wash before re-use.

P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

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.
Ethylenediamine, propoxylated	20-<50	25214-63-5
Glycerol, propoxylated	25-<50	25791-96-2
2,2'-dimethyl-4,4'-methylenebis(cyclohexylamine)	1-<5	6864-37-5
Trimethoxyvinylsilan	1-<5	2768-02-7

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.. If eye irritation persists: Get medical advice.

If on Skin — Take off contaminated clothing and wash before re-use. Wash skin with water/shower. If skin irritation occurs: get medical advice/attention.

If Swallowed — Rinse mouth. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Call a POISON CENTER if unwell.

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: Dizziness
Ingestion: Not applicable.
Inhalation: Not applicable.
Skin: Causes skin irritation.
Eye: Causes severe eye irritation.
Chronic: Not applicable.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable.
Hazards from products	Formation of toxic gases is possible during heating or in case of fire.
Suitable Extinguishing media	Use fire extinguishing methods suitable to surrounding conditions.
Precautions for	Do not inhale explosion gases or combustion gases.

firefighters and special protective clothing	Wear self-contained respiratory protective device. Mount respiratory protective device. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations
HAZCHEM CODE	**None allocated**

Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Evacuate all unnecessary personnel.

Prevent seepage into sewage system, workpits and cellars.
Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents

Dispose of waste according to the applicable local and national regulations.

Section 7. Handling and Storage

Precautions for Handling:

- Read label before use.
- Wash hands thoroughly after handling.
- Avoid release to the environment.
- Wear protective clothing.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10 such as oxidizing agents.
- Store only in the original receptacle.
- Prevent any seepage into the ground.
- Store in dry conditions.
- Keep container tightly sealed.
- Maximum storage temperature: < 50 °C

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	**TWA**		**STEL**	
	ppm	**mg/m^3**	**ppm**	**mg/m^3**

No ingredients have exposure limits

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 NOV 2017 9TH EDITION.

Engineering Controls
Ensure there is adequate ventilation available.

Personal Protection Equipment

Eyes	Tightly sealed goggles. Avoid wearing contact lenses.
Skin	Wear Butyl rubber gloves or PVC gloves (0.33mm). Wear protective

	clothing.
Respiratory	Use suitable respiratory protective device when high concentrations are present. Short term filter device:
General	Do not eat, drink, smoke or sniff while working. Use skin protection cream for skin protection. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Section 9 Physical and Chemical Properties

Form	Liquid
Colour	Black
Odour	Characteristic
Odour Threshold	Not available
pH @20^{0}C	>7
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	>160°C (DIN 53213)
Flammability	Product is not explosive.
Upper and Lower Explosive Limits	Not determined
Vapour Pressure @20^{0}C	0.0 hPa
Density@ 20^{0}C	1.02 g/cm³ (DIN 51757)
Specific Gravity	Not available
Water Solubility	Not miscible or difficult to mix.
Partition Coefficient:	Not available
Ignition Temperature	>350^{0}C
Decomposition Temperature	>200^{0}C
Dynatic Viscosity @20^{0}C	900mPas
Particle Characteristics	Not available

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	Reacts with oxidizing agents.
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	Causes severe eye irritation.
Skin	Causes skin irritation.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell	Not applicable.

Mutagenicity	
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Acute Toxicity -

Chemical Name	LD50 (Oral)	LD50 (Dermal)	LC50 (inhalation)
Product			
6864-37-5 2,2'-Dimethyl-4,4'-methylene-bis(cyclohexylamine)	320-460mg/kg(Rat)	200-400mg/kg(Rabbit)	0.42mg/l (Rat)

Section 12. Ecotoxicological Information

HSNO Classes: 9.1C = Harmful to aquatic life with long lasting effects.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	Extremely hazardous for water. Do not allow undiluted product to reach ground water, water course or sewage system. Danger to drinking water if even extremely small quantities leak into the ground.

Acquatic toxicity:
2768-02-7 Trimethoxyvinylsilan
EC50/48 h 169 mg/l (DAPHNIA MAGNA)

Section 13. Disposal Considerations

Disposal Method:
Triple rinse and dispose of according to 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 5433:2012

Section 15 Regulatory Information

New Zealand:
This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval Code: Surface Coatings and Colourants (subsidiary) – HSR002670
HSNO Classification: 6.3A, 6.4A 9.1B

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	1,000L (9.1C)
Emergency Response Plan	1,000L (9.1C)
Secondary Containment	1,000L (9.1C)

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 Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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

Issue Date: 22 June 2018 Review Date: 23 June 2023