



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Dinitrol 840 Skimfix**
Product Use: Adhesive, Glue, sizing agent.
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 (Toix [6.1+6.7]) – HSR002671

Pictograms



Toxic Irritation Chronic Corrosive

Signal Word: **DANGER**

HSNO Classes	Hazard Code	Hazard Statement	GHS Category
6.1C (inh)	H331	Toxic if inhaled.	Acute Tox. 3
6.3A	H315	Causes skin irritation.	Skin Irrit. 2
6.5A	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	Resp. Sens. 1
6.5B	H317	May cause an allergic skin reaction.	Skin Sens. 1
6.7B	H351	Suspected of causing cancer.	Carc. 2
6.9A	H372	Causes damage to organs through prolonged or repeated exposure.	STOT RE 1
6.1E (Resp)	H335	May cause respiratory irritation.	STOT SE 3
8.3A	H318	Causes serious eye damage.	Eye Corr. 1

Prevention Code	Prevention Statement
P102	Keep out of reach of children.

P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe fumes, vapours or spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective clothing as detailed in Section 8.
P281	Use personal protective equipment as required.
P285	In case of inadequate ventilation wear respiratory protection.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P310	Immediately call a POISON CENTER or doctor/physician.
P362	Take off contaminated clothing and wash before re-use.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P341	IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Storage Code	Storage Statement
P405	Store locked up.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.

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

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Diphenylmethane diisocyanate, isomers and homologues	25-<50	9016-87-9
Formaldehyde, oligomeric reaction products with aniline and phosgene	25-<50	32055-14-4
3-Glycidoxypropyltrimethoxysilane	1-<5	2530-83-8

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 or rash 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: Breathing difficulty
 Hazards Danger of impaired breathing.
Ingestion: Not applicable.
Inhalation: Toxic if inhaled. May cause respiratory irritation.
Skin: Causes skin irritation. May cause and allergic skin reaction.
Eye: Causes severe damage to eyes.
Chronic: Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable.
Hazards from products	Nitrogen oxides (NOx) Hydrogen cyanide (HCN)
Suitable Extinguishing media	Use fire extinguishing methods suitable to surrounding conditions.
Precautions for firefighters and special protective clothing	Wear self-contained respiratory protective device. Wear fully protective suit and Mount respiratory protective device. Collect contaminated fire fighting water separately. It must not enter the sewage system. 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.

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:

- Keep out of reach of children.
- Read label before use.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Do not breathe fumes, vapours or spray.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective clothing as detailed in Section 8.
- Use personal protective equipment as required.
- In case of inadequate ventilation wear respiratory protection.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Store only in the original receptacle.

- Prevent any seepage into the ground.
- Store away from water.
- Store away from oxidizing agents.
- Store away from foodstuffs.
- Maximum storage temperature: < 50 °C
- Store in a cool place and dry conditions.

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	Yellowish
Odour	Characteristic
Odour Threshold	Not available
pH @20°C	Not determined
Boiling Point	>300°C
Melting Point	Not available
Freezing Point	Not available
Flash Point	>200°C (DIN 53213)
Flammability	Product is not explosive.
Upper and Lower Explosive Limits	Not determined
Vapour Pressure @20°C	0.0 hPa
Density@ 20°C	1.12 g/cm ³ (DIN 51757)
Specific Gravity	Not available
Water Solubility	Not miscible or difficult to mix.
Partition Coefficient:	Not available

Ignition Temperature	400°C
Decomposition Temperature	Not determined
Dynatic Viscosity @20°C	400mPas
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	Toxic if inhaled. May cause asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.
Eye	Causes serious eye damage.
Skin	Causes skin irritation. May cause an allergic skin reaction.

Chronic Effects:

Carcinogenicity	Suspected of causing cancer.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Causes damage to organs through prolonged or repeated exposure.
STOT/RE	Not applicable.

Acute Toxicity -

Chemical Name	LD50 (Oral)	LD50 (Dermal)	LC50 (inhalation)
Product			
9016-87-9 Diphenylmethanediisocyanate, isomeres and homologues	>2000/kg(Rat)		
32055-14-4 Formaldehyde, oligomeric reaction products with aniline and phosgene	>10,000mg/kg (Rat)	>9400mg/kg(Rabbit)	
2530-83-8 3- Glycidyoxypropyltrimethoxysilan	8030 mg/kg (RAT)	4248 mg/kg (RABBIT)	55 mg/l (CYPRINUS CARPIO)

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	Slightly 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.

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 classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Road and Rail Transport

UN No: 1993
 Class-primary 3
 Packing Group III
 Subclass 9
 Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.

Air Transport

UN No: 1993
 Class-primary 3
 Packing Group III
 Subclass 9
 Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.

Marine Transport

UN No: 1993
 Class-primary 3
 Packing Group III
 Subclass 9
 Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.

Limited Quantities Statement:

If the product's individual container is below 5L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

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 (Toxic[6.1+6.7]) – HSR002671
 HSNO Classification: 6.3A, 6.4A 9.1B

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	1000L
Tracking Trigger Quantities	Not required

Signage Trigger Quantities	1,000L (6.1C, 8.3A)
Emergency Response Plan	100L (6.1C)
Secondary Containment	100L (6.1C)
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

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

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