

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **StoPox CH 700 Comp. B**
 Product Use: Coating material. Reserved for industrial and professional use.
 Restriction of Use in NZ: Refer to Section 15

Company Name: **Degafloor NZ**
 Address: 6 Sheffield Street
 Levin, 5510

Telephone: +64 6 367 9799
 E-mail: orders@degafloor.nz
Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 13 November 2020

Section 2. Hazards Identification

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

EPA Approval No: Surface Coatings and Colourants (Corrosive) – HSR002658

Pictograms



Toxic Corrosive

Signal Word: **DANGER**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
6.1D (oral)	H302	Harmful if swallowed.	Acute Tox. 4
6.5B	H317	May cause an allergic skin reaction.	Skin Sens. 1
8.2B	H314	Causes severe skin burns and eye damage.	Skin Corr. 1B
8.3A	H318	Causes serious eye damage.	Eye Corr. 1
9.1C	H412	Harmful to aquatic life with long lasting effects.	Aquatic Chronic 3

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P260	Do not breathe fumes, vapours and spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.

P280	Wear protective clothing as per Section 8.
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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.
P363	Wash contaminated clothing before reuse.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P301 + P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: 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.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.

Storage Code	Storage Statement
P405	Store locked up.

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

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
4,4'- Isopropylidenediphenol, oligomeric reaction products with epichlorhydrin, isophoronediamine	<40	38294-64-3
benzyl alcohol	≥25- <50	100-51-6
trimethylhexanediamine	≥10 - <25	25620-58-0
Polyoxypropylenediamine	≥10- <20	9046-10-0

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. Immediately call a POISON CENTER or doctor/physician. Eye rinsing bottle must be kept immediately to hand.
If on Skin	Take off contaminated clothing and shoes immediately. Take off contaminated clothing and wash it before reuse. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. If symptoms persist, call a physician.
If Swallowed	Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel 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:

Ingestion: Harmful if swallowed.

Inhalation: Not applicable.

Skin: Causes skin burns. May cause an allergic skin reaction.

Eye: Causes severe eye damage.

Treatment: Symptomatic treatment.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable or non-combustible.
Hazards from products	Fire may cause evolution of: Carbon monoxide, Carbon dioxide (CO ₂) and Nitrogen oxides (NO _x)
Suitable Extinguishing media	CO ₂ , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Do not use a high volume water jet.
Precautions for firefighters and special protective clothing	In the event of fire, wear self-contained breathing apparatus. Complete suit protecting against chemicals. Water for firefighting must not be emptied into drains, earth or waters. Contaminated water and earth must be disposed of according to official local regulations.
HAZCHEM CODE	2X

Section 6. Accidental Release Measures

Personal precautions:

Use protective clothing as detailed in Section 8. Keep out unprotected persons. Ensure adequate ventilation. Do not breathe fumes / aerosol

Environmental precautions:

Prevent seepage into sewage system, workpits and cellars. Do not allow contact with soil, surface or ground water.

Spill and Disposal procedures:

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal. Dispose according to Section 13.

Section 7. Handling and Storage

Precautions for Handling:

- Keep out of reach of children.
- Read label before use.
- Do not breathe fumes, vapours and spray.
- When using do not eat, drink or smoke.
- Avoid contact with the skin and the eyes.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective clothing as per Section 8.
- Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
- Do not re-use empty containers.
- Take off immediately all contaminated clothing.
- Keep working clothes separately.
- Wash hands before breaks and immediately after handling the product. After washing hands, replenish lost skin oil by means of oily skin ointment.

- When using do not eat, drink or smoke.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Keep out of reach of children.
- Store locked up.
- Store in original container.
- Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- Protect from frost, heat and sunlight.
- Keep in a dry place.

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 2019 11TH EDITION.

Engineering Controls

Washing facilities / water for rinsing eyes and skin should be available.

Personal Protection Equipment



Eyes	Safety glasses with side-shields conforming to EN166
Hands	Material: nitrile rubber Wearing time: Splashes: <20min Prolonged contact up to 8 hrs: >480min Minimum thickness: Splashes: 0.2mm Up to 8 hrs: >0.4mm Additional Information: Wetted gloves must be disposed of immediately!
Skin	Impervious clothing If splashes are likely to occur, wear: Solvent-resistant apron and boots
Respiratory	In case of inadequate ventilation wear respiratory protection. Recommended Filter type: A/P2 combination filter, alternatively a respiratory protective device independent from the surrounding air. Respiratory protection complying with EN 14387. For rescue and maintenance work in storage tanks use self-contained breathing apparatus.
General	Washing facilities / water for rinsing eyes and skin should be available.

Section 9 Physical and Chemical Properties

Appearance	Liquid
Colour	Colourless
Odour	amine-like
Odour Threshold	Not available
pH	ca. 8 - 11 (20 °C)
Boiling Point	> 200 °C (1.013 hPa)
Melting Point	Not available

Product Name: StoPox CH 700 Comp. B
Date of SDS: 13 November 2020

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

Freezing Point	Not available
Flash Point	> 100 °C
Flammability	The product is not flammable.
Upper and Lower Explosive Limits	Not available
Vapour Pressure	< 5 hPa (50 °C)
Vapour Density (air=1)	Not available
Density	ca. 1,00 g/cm ³ (23°C)
Water Solubility	Soluble
Partition Coefficient:	Not available
Auto-ignition Temperature	not auto-flammable
Minimum ignition temperature:	Not available
Decomposition Temperature	Not available
Dynamic Viscosity	ca. 200 mPa.s (20 °C)

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	Exothermic reaction with acids. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
Conditions to Avoid	Direct sources of heat. Strong sunlight for prolonged periods.
Incompatible Materials	Acids and bases Oxidizing agents Halogenated compounds Aldehydes Alcohols Ketones Metals copper, bronze, brass Copper alloys
Hazardous Decomposition Products	No decomposition if stored and applied as directed. In case of fire hazardous decomposition products may be produced such as: Carbon monoxide Nitrogen oxides (NO _x) Ammonia Nitrogen oxides Phenol

Section 11 Toxicological Information

Acute Effects:

Swallowed	Harmful if swallowed. Acute toxicity estimate: 1915 mg/kg. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.
Dermal	Not applicable. Acute toxicity estimate: > 2.000 mg/kg
Inhalation	Not applicable. Acute toxicity estimate: > 5 mg/l Exposure time: 4 h Test atmosphere: dust/mist
Eye	Causes serious eye damage.
Skin	Causes skin burns. May cause an allergic skin reaction.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive	Not applicable.

Toxicity	
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Individual component information:

Acute Toxicity:

Chemical Name	Oral – LD50	Dermal – LD50	Inhalation – LC50
benzyl alcohol (100-51-6)	1230 mg/kg (rat)	-	4.178 mg/l (rat) 4hr (dust/mist)
Trimethylhexanediamine (25620-58-0)	910 mg/kg	-	-

Section 12. Ecotoxicological Information

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

Persistence and degradability	Product: No data available. 4,4'-Isopropylidenediphenol, oligomeric reaction products with epichlorhydrin, isophoronediamine: not rapidly degradable Biodegradation: 0 % Exposure time: 28 d Polyoxypropylenediamine : not rapidly degradable
Bioaccumulation	Product: No data available. 4,4'-Isopropylidenediphenol, oligomeric reaction products with epichlorhydrin, isophoronediamine: Partition coefficient: noctanol/water = log Pow: 3,6 (25 °C) benzyl alcohol: Partition coefficient: noctanol/water = log Pow: 1.10 trimethylhexanediamine:: Partition coefficient: noctanol/water = log Pow: 0.77 Polyoxypropylenediamine: Bioaccumulation is unlikely. Partition coefficient: n octanol/water log Pow: 1,34 (25 °C) Method: OECD Test Guideline 117
Mobility in Soil	No data available.
Other adverse effects	Do not allow product to enter into ground water, bodies of water or sewage systems. Harmful to aquatic life with long lasting effects.

Section 13. Disposal Considerations

Disposal Method:

Spent media that has removed toxic chemicals should be examined for specific hazards. Spilled product may be recovered for use if it has not come in contact with liquids or been exposed to significant amounts of gaseous contaminants. Dispose of according to Local Regulations.

Ensure any container holding waste product or contaminated spill media is labelled "Hazardous Waste – Corrosive, Ecotoxic" and that the label also has the Corrosive Pictogram, waste type identifier, and the business name, address, and phone number.

Precautions or methods to avoid: Avoid release to the environment.

Section 14 Transport Information

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



Road, Rail, Sea and Air Transport

UN No	2735
Class - Primary	8
Packing Group	II
Proper Shipping Name	POLYAMINES, LIQUID, CORROSIVE, N.O.S.
Marine Pollutant	No
Special Provisions	If the product's individual container is below 1L/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

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

EPA Approval Code: Surface Coatings and Colourants (Corrosive) – HSR002658

HSNO Classification: 6.1D(oral), 6.5B, 8.2B, 8.3A, 9.1C

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	250L (8.2B)
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250 L (8.2B)
Emergency Response Plan	1000 L (6.1D, 8.2B, 9.1C)
Secondary Containment	1000 L (6.1D, 8.2B, 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

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 Degafloor NZ, if further information is required.

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