

1. Identification of Substance & Company**Product**

Product name	Black Tank
Other names	Black Tank 20L, Black Tank 4L, Butikote 65,
Product code	BTWM20L, BTWM4L
HSNO approval	Not applicable – non hazardous
UN number	Not assigned
Proper Shipping Name	Not applicable
Packaging group	Not applicable
Hazchem code	1T (recommended)
Uses	Adhesive

Company Details

Company	Ramset New Zealand A Division of ITW New Zealand 29 Poland Rd Glenfield Auckland 0627 New Zealand
Address	
Telephone	+64 9 444-3510

Emergency Telephone Number: 09 444-3510 (Monday to Friday. 8:00 am to 5:00 pm)
POISON CENTRE NUMBER: 0800 764 766 (24 Hours)

2. Hazard Identification**Hazard Classifications**

This product is not considered to be a hazardous substance to the Hazardous Substances and New Organisms Act (HSNO).

SYMBOLS

NA

Other Classifications

There are no other classifications that are known to apply.

Hazard and Precautionary Statements

Hazard NA

Precautionary NA

Further precautionary statements can be found in Section 4 – First Aid.

3. Composition / Information on Ingredients

Component	CAS/ Identification	Class for ingredient(s)	Conc (% w/w)
Non hazardous ingredients	Proprietary	NA	100%

This is a commercial product whose exact ratio of components may vary. Trace quantities of impurities are also likely.

4. First Aid**General Information**

If medical advice is needed, have product container or label at hand. You should call the National Poisons Centre if you feel that you may have been harmed or irritated by this product. The number is 0800 764 766 (0800 POISON) (24 hr emergency service).

Recommended first aid facilities Ready access to running water is recommended. Accessible eyewash is recommended.

Exposure	
Swallowed	Do NOT induce vomiting. Give a glass of water to drink. Contact a doctor.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Skin contact	IF ON SKIN: Wash skin with warm soapy water. If irritation occurs, get medical advice.
Inhaled	Generally, inhalation of fumes is unlikely to result in adverse health effects. If coughing, dizziness or shortness of breath is experienced, remove the patient to fresh air immediately. If patient is unconscious, place in the recovery position (on the side) for transport and contact a doctor.
Advice to Doctor	
Treat symptomatically	

5. Firefighting Measures

Fire and explosion hazards:	There are no specific risks for fire/explosion for this chemical. It is non-combustible.
Suitable extinguishing substances:	This material is non flammable, however if material is involved in a fire, use water fog, foam, carbon dioxide or dry chemical powder.
Unsuitable extinguishing substances:	Unknown.
Products of combustion:	Product may decompose in a fire and produce toxic or corrosive fumes. Hazardous decomposition products include carbon oxide.
Protective equipment:	Self-contained breathing apparatus. Safety boots, non-flammable overalls, gloves, hat and eye protection.
Hazchem code:	1T (recommended, HAZCHEM signage not required)

6. Accidental Release Measures

Containment	There is no current legal requirement for secondary containment of this product. Prevent product from entering environment.
Emergency procedures	In the event of spillage alert the fire brigade to location and give brief description of hazard. Wear protective equipment to prevent skin and eye exposure. Clear area of any unprotected personnel. Contain using sand, earth or vermiculite.. Prevent by whatever means possible any spillage from entering drains, sewers, or water courses.
Clean-up method	Use absorbent (sand, diatomite, acid binders, universal binders). Rags are not recommended for the clean-up of spills, as they may create fire or environmental hazard. Collect product and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.
Disposal	Mop up and collect recoverable material into labelled containers for recycling or salvage. Recycle containers wherever possible. This material may be suitable for approved landfill. Dispose of only in accord with all regulations.
Precautions	Slippery when spilt. Avoid accidents and clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapour. Work up wind or increase ventilation.

7. Storage & Handling

Storage	Avoid storage of harmful substances with food. Store out of reach of children. Containers should be kept closed in order to minimise contamination. Keep in a cool, dry place. Avoid contact with incompatible substances as listed in Section 10.
Handling	Keep exposure to a minimum, and minimise the quantities kept in work areas. See section 8 with regard to personal protective equipment requirements. Avoid skin and eye contact.

8. Exposure Controls / Personal Protective Equipment

Workplace Exposure Standards

A workplace exposure standard (WES) has not been established by the NZ Department of Labour for this product. There is a general limit of 10mg/m³ for dusts and mists when limits have not otherwise been established.

NZ Workplace Exposure Stds (OSH 2011)	Ingredient	WES-TWA	WES-STEL
	None of the ingredients are listed	-	-

Engineering Controls

In industrial situations, it is expected that employee exposure to hazardous substances will be controlled to a level as far below the WES as practicable by applying the hierarchy of control required by the Health and Safety in Employment Act 1992 (HSE). Exposure can be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify processes or increase ventilation.

Personal Protective Equipment

Eyes To protect eyes, it is recommended that goggles, safety glasses or full face mask be worn. Avoid wearing contact lenses.

Skin Avoid repeated or prolonged skin contact. Wear overalls, rubber boots and impervious gloves, e.g. nitrile rubber, NBR gloves. Remove protective clothing and wash exposed areas with soap and water prior to eating, drinking or smoking. Wash hands after handling.

Respiratory A respirator when airborne concentrations approach the WES (section 8) should be used. If using a respirator, ensure that the cartridges are correct for the potential air contamination and are in good working order.

WES Additional Information

No additional information

9. Physical & Chemical Properties

Appearance	Thick black paste
Odour	Sweet PVA odour
pH	9-11
Vapour pressure	No data
Viscosity	No data
Boiling point	~100°C
Volatile materials	No data
Freezing / melting point	No data
Solubility	Highly soluble in water
Specific gravity / density	1.25-1.3 g/cm ³
Flash point	Non flammable
Danger of explosion	NA
Auto-ignition temperature	NA
Upper & lower flammable limits	NA
Corrosiveness	Non corrosive

10. Stability & Reactivity

Stability	This product is thermally stable when stored and used as directed.
Conditions to be avoided	None known.
Incompatible groups	None known.
Hazardous decomposition products	Hazardous decomposition products include carbon oxides and other organic compounds.
Hazardous reactions	None known.

11. Toxicological Information

Summary

No specific data is available for this product. This product is considered non hazardous under HSNO.

Supporting Data

Acute	Oral	Product not expected to be harmful if swallowed, however swallowing can result in nausea and vomiting.
	Dermal	No evidence of dermal toxicity.
	Inhaled	No evidence of inhalation toxicity.
	Eye	May be an eye irritant.
	Skin	Repeated or prolonged contact with skin may lead to irritation.

Chronic	Sensitisation Mutagenicity Carcinogenicity	No ingredient present is considered a skin sensitiser. No ingredient present at concentrations > 0.1% is considered a mutagen. No ingredient present in the uncured mixture at concentrations > 0.1% is considered a carcinogen.
	Reproductive / Developmental Systemic Aggravation of existing conditions	No ingredient present at concentrations > 0.1% is considered a reproductive or developmental toxicant or have any effects on or via lactation. No evidence of systemic toxicity. None known.

12. Ecological Data

Summary

No specific data is available for this product. Where available, ecotoxicological data has been researched and data for the mixture calculated. The results of these calculations are presented below. The product is considered to have the following ecotoxicity groups:

Supporting Data

Aquatic	No data for mixture is available. Using EC ₅₀ 's for ingredients, the estimated EC ₅₀ for the mixture is > 100 mg/L.
Bioaccumulation	Highly soluble in water.
Degradability	Product is expected to biodegrade slowly.
Soil	No data available for the mixture.
Terrestrial vertebrate	This product is not considered harmful to terrestrial vertebrates. No LC ₅₀ (diet) data for ingredients are available and the classification is based on the LD ₅₀ (oral) – see section 11 – oral toxicity.
Terrestrial invertebrate	The mixture is not considered harmful to terrestrial invertebrates.
Biocidal	Not applicable

13. Disposal Considerations

Restrictions	There are no product-specific restrictions, however, local council and resource consent conditions may apply, including requirements of trade waste consents.
Disposal method	Disposal of this product must comply with the requirements of the Resource Management Act for which approval should be sought from the Regional Authority. The substance must be treated and therefore rendered non-hazardous before discharge to the environment.
Contaminated packaging	Rinse containers with water before disposal. Preferably re-cycle container, otherwise send to landfill or similar.

14. Transport Information

There are no specific restrictions for this product (not a dangerous good).

UN number:	Not assigned	Proper shipping name:	Not applicable
Class(es)	Not applicable	Packing group:	Not applicable
Precautions:	Not applicable	Hazchem code:	1T (recommended)

15. Regulatory Information

This product is not considered to be a hazardous substance to the Hazardous Substances and New Organisms Act (HSNO).

Specific Workplace Controls (as per HSNO approval referenced to Controls Matrix)

No workplace controls apply to this product (non hazardous).

Other Legislation

In New Zealand, the use of this product may come under the Resource Management Act and Regulations, the Health, Safety in Employment Act and Regulations, local Council Rules and Regional Council Plans.

16. Other Information
Abbreviations

Approval Code	Not applicable – non hazardous under HSNO. Controls, EPA. www.epa.govt.nz
CAS Number	Unique Chemical Abstracts Service Registry Number
Ceiling	Ceiling Exposure Value: The maximum airborne concentration of a biological or chemical agent to which a worker may be exposed at any time.
Controls Matrix	List of default controls linking regulation numbers to Matrix code (e.g. T1, I16).
EC₅₀	Ecotoxic Concentration 50% – concentration in water which is fatal to 50% of a test population (e.g. daphnia, fish species)
EPA	Environmental Protection Authority (formerly known as ERMA)
ERMA	Environmental Risk Management Authority (now EPA)
HAZCHEM Code	Emergency action code of numbers and letters that provide information to emergency services, especially fire fighters
HSNO	Hazardous Substances and New Organisms (Act and Regulations)
IARC	International Agency for Research on Cancer
LEL	Lower Explosive Limit
LD₅₀	Lethal Dose 50% – dose which is fatal to 50% of a test population (usually rats).
LC₅₀	Lethal Concentration 50% – concentration in air which is fatal to 50% of a test population (usually rats)
MSDS	Material Safety Data Sheet (or Safety Data Sheet)
OSH	The Occupational Safety and Health Service of the Department of Labour (NZ)
STEL	Short Term Exposure Limit - The maximum airborne concentration of a chemical or biological agent to which a worker may be exposed in any 15 minute period, provided the TWA is not exceeded
TWA	Time Weighted Average – generally referred to WES averaged over typical work day (usually 8 hours)
UEL	Upper Explosive Limit
UN Number	United Nations Number
WES	Workplace Exposure Standard - The airborne concentration of a biological or chemical agent to which a worker may be exposed in a work day.

References

Data	Unless otherwise stated comes from the EPA HSNO chemical classification information database (CCID) http://www.epa.govt.nz/hs/compliance/chemicals.html , for specific chemicals.
EPA Transfer Gazettes	Classifications and controls assigned for specific ingredients (consolidated gazette, 2004)
Controls Matrix	Part of the EPA New Zealand User Guide to the HSNO Control Regulations
WES 2011	The NZ Workplace Exposure Standards Effective from 2011, published by OSH and available on their web site – www.osh.dol.govt.nz .
Other References:	Suppliers MSDS, ChemIDplus

Review

Date	Reason for review:
February 2012	New MSDS.
July 2012	Additional product code
Jan 2013	Re issued

Disclaimer

This MSDS was prepared by Datachem LTD and is based on our current state of knowledge, including information obtained from suppliers. The MSDS is given in good faith and constitutes a guideline (not a guarantee of safety). The level of risk each substance poses is relevant to its properties (as summarised in the MSDS) AND HOW THE SUBSTANCE IS USED. While guidelines are given for personal protective equipment, such precautions must be relevant to the use. The likely HSNO classifications, are based on our experience, EPA Guidelines and international classifications. This MSDS is copyright Datachem and must not be copied, edited or used for other than intended purpose. To contact the MSDS author, email info@datachem.co.nz or phone: **+64 9 940 30 80**.

