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MATERIAL SAFETY DATA SHEET

Frank T Ross and Sons Ltd.

Weldbond Universal Adhesive

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	Weldbond Universal Adhesive	PRODUCT USE:	Adhesive
MANUFACTURER:	Frank T Ross and Sons Ltd	SUPPLIER	Frank T Ross and Sons Ltd
ADDRESS:	110 Riviera Drive, Unit 3 Markham, Ontario. L3R 5M1	ADDRESS:	110 Riviera Drive, Unit 3 Markham, Ontario. L3R 5M1
EMERGENCY:	905-940 1107	EMERGENCY #:	905-940-1107

SECTION 2: HAZARDOUS IDENTIFICATION

HAZARD NOHSC Classification:	Non-Hazardous Substance
CLASSIFICATION ADG Classification:	Non-Dangerous Goods
SUSDP Classification:	Not a Scheduled poison
RISK PHRASES	None
SAFETY PHRASES	None

SECTION II: INFORMATION ON INGREDIENTS

MIXTURE	CAS No	PROPORTION
Water	7732-18-5	30 - < 60%
Polyvinyl acetate homopolymer	9003-20-7	30 - < 60%
Ingredients determined not to be hazardous	Not applicable	< 10%

SECTION 4: FIRST AID MEASURES

Eye Contact:	Immediately flush with water for 15 minutes. Holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.
Skin Contact:	Immediately flush with soap and water minutes. Seek medical attention if irritation persists. Remove contaminated clothing and laundry before reuse.
Inhalation:	Move victim to fresh air.
Ingestion:	DO NOT INDUCE VOMITING. Rinse mouth with water, then drink one glass of water. Seek medical attention. Do not give anything to victim if unconscious or convulsing.

SECTION 5: FIRE FIGHTING MEASURES

Flammability:	Non flammable
Flash Point deg (C, TCC):	>95 °C
Means of Extinction:	As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide or foam
Special Fire Hazards:	Fire fighters should wear self-contained breathing apparatus.
Auto-ignition temperature:	Not applicable.
Flame propagation or burning rate of solid:	Not applicable.
Sensitivity to static discharge:	Not applicable
Unusual Fire and Explosion Hazards.	None expected. As per surrounding fire.
Hazardous decomposition products:	Oxides of carbon, oxides of nitrogen.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures:

Before attempting clean up, refer to the hazard data provided above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered container. For large quantities, dispose of in accordance with local, state or federal regulations. For large spills prevent from entering sewers and waterways. For large spills provide diking to prevent spreading.

SECTION 7: HANDLING AND STORAGE

Storage Requirements:

KEEP OUT OF REACH OF CHILDREN. Store in a closed container away from incompatible materials, which include acids, oxidizing materials. Storage temperature should be above freezing. Store between 10C/41F and 49C/120F

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE STANDARDS

An Australian exposure standard for this mixture has not been set by NOHSC

Exposure Standard [NOHSC:1003(2004)]

TWA STEL

Vinyl acetate monomer

10 ppm 20 ppm

BIOLOGICAL Not applicable

LIMIT VALUES

ENGINEERING

Good general dilution ventilation. Use local exhaust ventilation if mists or vapours are produced. Ensure that ventilation is sufficient to control exposure levels below exposure standards

PERSONAL PROTECTION

Use personal protective equipment that minimizes skin and eye contact, and vapour, mists or aerosol inhalation.

Under condition of ordinary use in the work place, wear safety glasses with side shields, nitrile rubber or Viton gloves, long sleeved overalls, and impervious boots.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (deg C)	100	Specific Gravity (H ₂ O = 1):	1.095	Evaporation Rate (water=1):	Slow
% Volatile (Wt%):	Approx 48 %	Solubility in water:	Dilutable emulsion	PH (as supplied):	5.50
Physical State:	Liquid	Viscosity:	10,000-12000cps		Approx.

SECTION 10: STABILITY AND REACTIVITY

Conditions for Chemical Instability:

Stable

Incompatible Materials:

Strong oxidizing agents, strong acids.

Hazardous Decomposition Products:

Oxides of carbon, Oxides of Nitrogen when heated. Hydrochloric acid, volatile amines and low molecular weight hydrocarbons can be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Non-Toxic - "Conforms to ASTM D4236."

This evaluation was conducted in accordance with the guidelines specified by the Consumer Product Safety Commission in 16 CFR 1500.135.

Route of Entry:

Eye, skin contact, ingestion.

Potential Health Effects:

Eye Contact:

May cause slight irritation to eyes

Skin Contact:

May cause slight irritation upon repeated/prolonged contact.

Inhalation:

May cause slight nose, throat and respiratory tract irritation

Ingestion:

May cause slight irritation to mouth, esophagus and stomach.

Chronic Effects

As above

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Carcinogenicity:

No ingredients listed IARC or NTP or ACGIH. Non-hazardous by WHIMIS/OSHA criteria.

Teratogenicity, Mutagenicity,
Reproductive Effects:

The ingredients in this product were found not to be mutagenic when tested by the Ames Assay, (OECD Guidelines for chemical testing, sec.471)

Skin:

Repeated or prolonged exposures to dilutions can cause drying, de-fatting and dermatitis.

SECTION 12: ECOLOGICAL INFORMATION

VOC Contents: Max. 0.9% or 9 g/l

Biodegradability:

Not biodegradable

SECTION 13: DISPOSAL CONSIDERATIONS

This product and its containers are a prescribed waste and may only be disposed of in accordance with applicable State and local regulations. These regulations vary from jurisdiction to jurisdiction and hence the user is counselled to seek advice from the local authority and classify the waste before considering disposal. The disposal information given below is a general guide and does not replace the requirement of the local regulations.

DISPOSAL

Small quantities Dry and fully cured material may be disposed of as general industrial waste.

Large amounts must be disposed of strictly in accordance with local industrial waste disposal or environmental protection regulation, ensure that the product is fully cured before disposing it, if permitted, as landfill or by incineration.

SPECIAL

Do not allow the uncured mixture to contaminate sewerage systems, soil, surface or ground water.

PRECAUTIONS

When large amounts of this product need to be disposed of the services of a registered, professional waste disposal organisation is highly recommended.

SECTION 14: TRANSPORTATION

This product has not been classified as Dangerous Goods. This product does not need to be transported in accordance with the ADG Code requirements.

UN Number: None allocated
ADG Class: None allocated
ADG Packaging Group: None allocated
IMDG/IMO Code: Unrestricted

Proper Shipping Name: None allocated
ADG Subsidiary Risk: None allocated
Hazchem Code: None allocated
ICAO/IATA Code: Unrestricted

SECTION 15: REGULATORY INFORMATION

AICS All ingredients are listed in AICS
SUSDP Not a scheduled poison

SECTION 16: OTHER INFORMATION

Date:	21 October, 2016	Prepared By:	Technical Services Group	Telephone:	905 940 1107
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ACRONYMS

ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail

AICS: Australian Inventory of Chemical Substances.

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CAS Number: Chemical Abstracts Service Registry Number

CNS: Central nervous system

DG: Dangerous Goods

Hazchem Code: An emergency action code of numbers and letters, which gives information to emergency services.

IARC: International Agency for Research on Cancer.

N.O.S.: Not otherwise specified.

NOHSC: National Health and Safety Commission.

PPE: Personal protection equipment

R-Phrases: Risk Phrases.

S-Phrases: Safety Phrases.

SUSDP: Standard for the Uniform Scheduling of Drugs and Poisons.

UN Number: United Nations Number

Disclaimer:

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of supplier, it is assumed that users of this material; have been fully trained according to the mandatory requirements of national workplace requirements. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries for consequential damages, which may result from the use or reliance on any information contained in this form