MATERIAL SAFETY DATA SHEET





Issue Date: 15/04/2011 Supersede: 05/07/2010

WHMIS CLASSIFICATION: D-2B **PATENT PROTECTED TECHNOLOGY**

Fire Health Reactivity Special NFPA 704 DESIGNATION HAZARD RATING

2 = Moderate 4 = Extreme3 = High

In case of transportation emergency or product

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1 = Slight0 = Insignificant

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION				
PRODUCT IDENTIFIER:	Removall 220			
PRODUCT USE:	Industrial Paint Remover			

MANUFACTURED BY: Freeworld Coatings Australia Pty Ltd

> 651 Waverly Road, Glen Waverly spill, contact:

VIC 3150 AUSTRALIA In Canada -

Telephone: + 61 3 9518 0700 CANUTEC @ 613-996-6666 (24hrs.)

Facsimile: + 61 3 9518 0758 In the Continental USA -

CHEMTREC @ 800-424-9300 (24hrs.)

2. COMPOSITION & INFORMATION ON INGREDIENTS

	SARA Title III			CARCINOGENICITY	
Component	% weight	CAS#	Section 313	RCRA	(As per 29CFR 1910-1200)
Aromatic Alcohol	15-40	100-51-6	Not Listed	No	No
Propylene Glycol	1-5	57-55-6	No	No	No

NO HAP'S OR TAP'S ARE IN THIS PRODUCT.

All components are listed in the TSCA inventory (U.S.) and on the DSL (Canada). The above information is based on component manufacturer's Material Safety Data Sheets.

3. PHYSICAL AND CHEMICAL PROPERTIES						
Physical State	Pale orange	Bulk Density	N/D			
Odor	Specific	Vapor Pressure	Not determined			
Odor Threshold	N/A	Vapor Density	Heavier than Air			
Molecular Formula	Mixture	Evaporation Rate (n-Butyl A	cetate=1) < 1			
Molecular Weight	N/A	VOC content	66 g/l (0.55 lbs/gal)			
Boiling Point	Not determined	% Volatiles	Greater than 90			
Freezing Point	Not determined	Solubility in Water	Dispersible			
Specific Gravity	1.03	Viscosity (cPs)	4000-10000			
Density (Ibs/gal)	8.56	pH (direct reading)	3.5-4.5			

4. STABILITY & REACTIVITY

GENERAL: This product is stable and hazardous polymerization will not occur.

CONDITIONS TO AVOID: Hot or cold storage.

INCOMPATIBLE MATERIAL: Strong oxidizers, acids and alkalies.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition (combustion) will produce carbon monoxide and dioxide.

SENSITIVITY TO MECHANICAL IMPACT: This product is not sensitive to mechanical impact. **SENSITIVITY TO STATIC DISCHARGE:** This product is not sensitive to static discharge.

5. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Exposure to vapor and mists, or direct contact with product may cause slight to moderate eye irritation.

Symptoms of exposure may include: a stinging sensation, excess blinking and tear production, redness

and swelling of the conjunctiva.

SKIN CONTACT: Repeated or prolonged exposure to vapors, mists, or foam may cause slight irritation. Symptoms of

exposure may include: redness and a burning sensation. Prolonged or widespread contact may result in

the absorption of potentially harmful amounts of material, with identical symptoms as ingestion.

INGESTION: Ingestion may cause moderate to severe irritation of the gastrointestinal tract. Symptoms of exposure may

include: nausea, headache, dizziness, and abdominal pain.

INHALATION: Exposure to vapor or mists may cause moderate to severe irritation of respiratory tract. Symptoms may

include: headache, nausea, coughing, chest pain and vomiting.

TERATOGENICITY: None MUTAGENICITY: None REPRODUCTIVE TOXICITY: None CARCINOGENICITY: None

6. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of clean running water for at least 15 minutes. Seek medical attention if

irritation persists.

SKIN CONTACT: Immediately flush skin with plenty of clean running water while removing contaminated clothing.

Continue for at least 15 minutes. If irritation is evident or discoloration persists, seek medical

attention.

INHALATION: Immediately move to fresh air. Seek medical attention if irritation persists.

INGESTION: DO NOT induce vomiting unless directed by medical personnel. If the victim is conscious, give

large quantities of water to drink. Immediately contact a physician. If unconscious, don't give

anything by mouth.

7. FIRE FIGHTING MEASURES

GENERAL: THIS PRODUCT IS NON-FLAMMABLE.

FLASHPOINT AND METHOD: >95°C (>203°F) (PMCC)

FLAMMABLE LIMITS (in air, % by volume): Lower: N/A Upper: N/A

AUTOIGNITION TEMPERATURE: N/A

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition of this product will produce carbon monoxide, carbon

dioxide and other toxic volatiles.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL MEASURES: Where product is heavily sprayed, local exhaust ventilation should be implemented.

RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATOR: Not required for brush applications. Where product is heavily sprayed in enclosed

spaces, use MSHA/NIOSH approved mist organic vapor cartridge (OVD/DM #8741 or #8751A).

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EYES: Chemical splash goggles. **GLOVES:** Rubber or Neoprene.

CLOTHING: Tyvec coveralls or rubber or neoprene apron.

FOOTWEAR: Impervious boots.

OTHER: Eye wash station and safety shower should be available in the work area.

9. HANDLING AND STORAGE

STORAGE TEMPERATURE: 4 - 30 °C (39 - 86° F) STORAGE PRESSURE: Ambient

GENERAL: Prior to each use, mix well. Store in a well ventilated area. Avoid contamination of any kind. Potential immersion

elements such as drum pumps and hoses should be removed after each use. Empty containers should be

thoroughly rinsed with water and disposed of according to local regulations.

Cautionary Note: Care should be exercised when moving in or around product application areas (particularly oversprayed

areas) as contacted surfaces become very slippery.

10. ACCIDENTAL RELEASE MEASURES

LAND SPILL: Wear recommended protective clothing, dike spill using soil, sand or compatible commercial absorbent. Pick up

bulk of product using pumps or vacuum truck or absorb product in sand or commercial absorbent. Place in approved containers for recovery or disposal. Flush spill area with water, collect rinsates and containerize for disposal. Prevent runoff from contaminating storm sewers, streams or other bodies of fresh water. Rinsates may be

disposed of in sewers leading to a municipal or city treatment facility or an internal treatment facility.

WATER SPILL: This material is considerably soluble in water. Stop or divert water flow. Dike contaminated water and remove from

disposal and/or treatment. Notify all downstream users of possible contamination.

11. DISPOSAL CONSIDERATIONS

RCRA 40 CFR 261 CLASSIFICATION: Not Classified

U.S. EPA WASTE NUMBER/DESCRIPTION: None

If this product is disposed of as shipped, it does not meet the criteria of a hazardous waste under 40 CFR 261, in that it does not exhibit the characteristics of hazardous waste of Subpart C, nor is it listed as a hazardous waste under Subpart D. As a non-hazardous liquid waste, it should be disposed of in accordance with all local, state or provincial, and federal regulations. Consult state or provincial or local officials for proper disposal method.

12. TRANSPORTATION INFORMATION

Removall 220 is NOT regulated as a hazardous material under the regulations of the U.S. DOT, IMDG or in Canada TDG.

This Material Safety Data Sheet is provided as an information resource only. It should not be taken as a warranty or representation for which Freeworld Environmental Technologies ™ assumes legal responsibility. While Freeworld Environmental Technologies ™ believes the information contained herein is accurate and compiled from sources believed to be reliable; it is the responsibility of the user to investigate and verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with applicable federal, state, provincial and local regulations.

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