

## Material Safety Data Sheet

### Section 1 - Identification

**Product Name:** Harbinger S900 Vinyl Flooring Adhesive

**Product Use:** Adhesive used to install vinyl flooring

**Manufacturer's Name:** Roberts Company Canada Ltd.  
2070 Steeles Ave. Bramalea, ON L6T 1A7  
Phone: 905 791-4444

**Prepared By:** Technical Group

**Date:** February 1, 2013

**Emergency 24 hour number:** 706-277-5294

In Canada call: CANUTEC 1-631-996-6666

### Section 2 – Hazards Identification

#### Emergency Overview

**Potential Health Effects- Eyes:** This product is irritating to the eyes.

**Potential Health Effects-Skin:** Product may cause skin irritation.

**Potential Health Effects- Ingestion:** Acute ingestion may result in mild gastrointestinal distress.

**Potential Health Effects- Inhalation:** If inhaled, immediately remove the affected person to fresh air. Seek medical attention.

**Medical Conditions Aggravated by Exposure:** Hypersensitivity to product, allergies, and skin or respiratory disorders.

**Potential Environmental Effects:** None identified.

**HMIS Ratings:** Health: 1 Fire: 0 Reactivity: 0 PP: safety glasses, gloves

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

### Section 3 - Composition/ Information on Ingredients

Chemical Name	CAS Number	% by Weight	ACGIH TLV	OSHA PEL

No hazardous ingredients in reportable quantities.

### Section 4 - First Aid Measures

**First Aid- Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

**First Aid- Skin:** For skin contact, flush with large amounts of water. If irritation persists, get medical attention.

**First Aid- Ingestion:** For ingestion, flush out mouth with water. If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting.

## Section 4 - First Aid Measures - Continued

**First Aid- Inhalation:** Under normal conditions no adverse effects are expected. If excessive exposure to concentrated, unventilated vapours occurs immediately remove the affected person to fresh air. If the affected person is not breathing, apply artificial respiration. If symptoms persist, get medical attention.

**First Aid-Notes to Physician:** Provide general supportive measures and treat symptomatically.

## Section 5 - Fire Fighting Measures

### General Fire Hazards:

See Section 9 for Flammability Properties.

This product is combustible at high temperatures.

### Hazardous Combustion Products:

Irritating and toxic gases or fumes may be released during a fire. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

**Extinguishing Media:** Dry chemical (preferred), foam, water.

### Fire Fighting Equipment/Instructions:

Firefighters should wear full protective clothing including self contained breathing apparatus.

**NFPA Ratings: Health:** 1 **Fire:** 0 **Reactivity:** 0

**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## Section 6 - Accidental Release Measures

### Personal Precautions:

Wear appropriate protective equipment and clothing during clean-up.

**Containment Procedures:** Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth or commercial sorbents. Scoop up used absorbent into drums or other appropriate container.

**Environmental Precautions:** Attempt to reclaim the free product, if this is possible. Shovel the material into waste container. Thoroughly wash the area with water after a spill or leak clean-up. Wear appropriate protective equipment and clothing during clean-up.

**Evacuation Procedures:** None identified.

**Special Procedures:** Regulations vary. Consult local authorities before disposal.

## Section 7 - Handling and Storage

**Handling Procedures:** Avoid getting this material into contact with your skin and eyes. Avoid breathing vapors or mists of this product. Use this product with adequate ventilation. Wash hands after handling and before eating. Keep out of the reach of children.

### Storage Procedures:

Store at ambient temperature and atmospheric pressure. Store away from strong oxidizers.

## Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:** Use general ventilation.

**Personal Protective Equipment- Eyes/Face:** Wear safety glasses with side shields.

**Personal Protective Equipment- Skin:** The use of nitrile-latex gloves is recommended.

**Personal Protective Equipment- Respiratory:** Not normally needed. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

**Personal Protective Equipment- General:** Launder contaminated clothing before reuse. Use good industrial hygiene practices in handling this material.

## Section 9 - Physical & Chemical Properties

**Appearance:** Light straw colored paste

**Odour:** Slight Hydrocarbon Odour

**Physical State:** Paste

**pH:** 9-10

**Vapor Pressure:** As for water

**Vapor Density:** None Identified

**Boiling Point:** None Identified

**Melting Point:** None Identified

**Solubility (H<sub>2</sub>O):** miscible

**Specific Gravity:** 1.1-1.2

**Evaporation Rate:** As for water

**% Solids by Weight:** 60-63

**Flash Point:** None

**Flash Point Method:** Not applicable

**Upper Flammability Limit (UFL):** None Identified

**Lower Flammability Limit (LFL):** None Identified

**Burning Rate:** None Identified

**Auto Ignition:** None Identified

**Physical Properties - Additional Information:** The data provided in this section is to be used for product safety handling purposes. Please refer to Product Data Sheets, Certificates of Conformity or Certificates of Analysis for determinations of quality.

## Section 10 - Chemical Stability & Reactivity Information

**Chemical Stability:** This is a stable material.

**Chemical Stability- Conditions to Avoid:** Do not freeze.

**Incompatibility:** This product may react with strong oxidizing agents.

**Hazardous Decomposition:** Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

**Possibility of Hazardous Reactions:** Will not occur.

## Section 11 - Toxicological Information

**Acute Dose Effects- General Product Information:** No information available for the product.

**Carcinogenicity:** No information available for the product.

**Sensitization:** No information available for the product.

## Section 12 - Ecological Information

**Ecotoxicity:** No information available for the product.

## Section 13 - Disposal Considerations

**US EPA Waste Number & Descriptions:** No additional information available.

**Component Waste Numbers:** No EPA Waste Numbers are applicable for this product's components.

**Disposal Instructions:** Waste must be handled in accordance with all federal, provincial, and local regulations. Consult authorities before disposal.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

## Section 14 - Transportation Information

**International Transportation Regulations:** Not regulated as dangerous goods.

## Section 15 - Regulatory Information

**US Federal Regulations:** All components are on the U.S. EPA TSCA Inventory List.

**Canadian DSL:** All components of this product are included, or are exempt from inclusion, in the Canadian Domestic Substance List unless otherwise noted.

Other state regulations may apply. Check individual provincial and state requirements.

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Product Regulations (CPR). This MSDS contains all of the information required by the CPR.

**Component Analysis - WHMIS IDL:** No components are listed in the WHMIS IDL in reportable quantities

**WHMIS Classification:** Not Regulated

**(Volatile Organic Compound) Compliance:** Solvent Free Product.

**SCAQMD Rule 1168:** VOC compliant.

Grams of VOC per Liter of Material < 1 gram/liter.

Grams of VOC per Liter of Coating < 1 gram/liter.

**Section 16 - Other Information**

The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from use of this MSDS. The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or Provincial and local laws.

**Key/Legend**

NA = Not available or Not Applicable. NFPA = National Fire Protection Association. HMIS = Hazardous Material Information System. CFR = Code of Federal Regulations. EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration..