

# Material Safety Data Sheet

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME:** 2038 Asphalt Emulsion VCT Adhesive

**ROBERTS MSDS CODE NUMBER:**

2038C

**PRODUCT USES:**

VCT Adhesive

**SUPPLIER:**

Roberts Company Canada LTD. 34 Hansen Rd. S.  
Brampton, Ontario L6W 3H4 Canada. Phone: (905) 791-4444  
Roberts Company Canada (8 am to 5 pm EST)  
24 hour (CANUTEC) phone: (613) 996-6666

**EMERGENCY PHONE NUMBERS:**

**PREPARED BY:**

Technical Department

**PREPARATION DATE:** Oct 15,2015

## 2. HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS

<u>Chemical Name</u>	<u>Wt%</u>	<u>CAS</u>	<u>LD50 rat, oral</u>	<u>LC 50 rat, inhalation</u>
Asphalt Cement (as Fume)	40-70	8052-42-4	NA	NA
Rosin	0-3	8050-09-7	3 mg/kg	110 mg/cubic m
Potassium Hydroxide	0-1	1310-58-3	214mg/kg	NA
Lignin, Sodium Salt	0-1	37203-80-8	NA	NA
Sodium Hydroxide	<1	1310-73-2	40 mg/kg (intraperitoneal)	NA

## 3. HAZARDS IDENTIFICATION

Note: This product contains asphalt which is produced from high temperature vacuum distillation of crude oil. Asphalt products can contain hydrogen sulfide, because it is naturally occurring in crude oil from which asphalt is derived. Hydrogen sulfide can also be present as a by-product of asphalt processing. Hydrogen sulfide and other sulfur-containing gases can evolve from this product at elevated temperatures. Hydrogen sulfide can cause respiratory paralysis and death, depending on concentrations and duration of exposure. Do not rely on ability to smell vapors, since odor fatigue rapidly occurs. Effects of overexposure include irritation of the nose and throat, nausea, vomiting and signs of nervous system depression.

**Primary Routes of entry:** Eyes, skin, inhalation

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

**Potential Health Effects-Skin:** May cause skin irritation and dermatitis.

**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. If sanding or removing the leveler where dust is created make sure a suitable dust mask is worn.

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

**Carcinogenicity :** Not listed as a carcinogen by IARC or NTP

## 4. FIRST-AID MEASURES

General Advice:

Remove contaminated clothing.

Inhalation

Move victim to fresh air and keep the person calm. Assist in breathing if necessary. Seek medical attention. .

Skin Contact

Wash with soap and water. If irritation develops, seek medical attention.

Eye Contact

Flush with copious amounts of water for at least 15 minutes. If irritation develops, seek medical attention.

Ingestion

Do not induce vomiting. Wash mouth with water. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

## 5. FIRE-FIGHTING MEASURES

Flash Point: > 230 C

Extinguishing Media

Dry chemical, carbon dioxide, foam, water/ water spray.

Hazardous Combustion Products

Carbon dioxide, carbon monoxide, hydrogen sulphide, unknown by-products of combustion

Protection of Firefighters

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions - Wear appropriate respiratory protection. Use personal protective clothing. Ensure adequate ventilation.

Clean Up - Spills should be contained, solidified, and placed in suitable containers for disposal.

## 7. HANDLING AND STORAGE

**Handling:**

Protection against fire and explosion: No explosion proofing necessary

**Storage:**

Store protected against freezing and extreme heat.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls - Local exhaust should be used to maintain proper ventilation and air flow.

Personal Protective Equipment

- Respiratory Protection  
Normally none required with good mechanical ventilation.
- Skin Protection  
Chemical resistant protective gloves (butyl rubber, nitrile rubber, pvc or polyvinyl alcohol).
- Eye/Face Protection  
Tightly fitting safety goggles (chemical goggles).
- General Safety and hygiene measures:  
Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapors/mists. Wash soiled clothing immediately.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Thick liquid  
Color: Black  
Odor: Petroleum odor.  
Specific Gravity: 1.0-1.1  
pH: 10-11  
Vapor Density: Heavier than Air  
Freezing Point: approx. 0 C  
Boiling Point: 100 C  
V.O.C.: 1.7 g/l  
SOLUBILITY IN WATER: miscible

## 10. STABILITY AND REACTIVITY

Chemical Stability: Stable  
Conditions to Avoid: Excessive heat. Protect from freezing.  
Materials to Avoid: Strong oxidizers, strong acids or bases.  
Hazardous Polymerization: ☐ may occur ☒ will not occur

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity

- Ingestion ND
- Skin Contact ND
- Inhalation ND

## 12. ECOLOGICAL INFORMATION

Environmental Mobility:

No data is available on the product itself. Product should not be allowed to enter drains nor sources of water or areas where it can affect ground or surface waters.

Bioaccumulation Potential:

No data is available on the product itself.

Persistence:

No data is available on the product itself.

## 13. DISPOSAL CONSIDERATIONS

Disposal

Incinerate or bury dried material in landfill in accordance with federal, state and local regulations.  
For liquid material dispose of in licensed facility in accordance with federal, state, and local regulations (non-hazardous material).

Wastes or Residues

Same as above.

Package Disposal:

Dispose of in licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

<b>14. TRANSPORT INFORMATION</b>
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Road:

D.O.T. PROPER SHIPPING NAME (49CFR172.101 - 102): ADHESIVE.

D.O.T. HAZARD CLASSIFICATION (49CFR172.101-102):

PRIMARY: NONE SECONDARY: NONE

D.O.T. LABELS REQUIRED (49CFR172.101-102): NONE

D.O.T. PLACKARDS REQUIRED (49CFR172.504): NONE

BILL OF LADING DESCRIPTION: ADHESIVE, NOS

UN/NA CODE: N/A

Sea:

Proper shipping name: Non-Regulated

Air

Proper shipping name: Non-Regulated

Remarks: No dangerous goods in the meaning of USDOT, IMDG, IATA/IMO.

<b>15. REGULATORY INFORMATION</b>
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Canada:

WHMIS (Canada) Not controlled under WHMIS (Canada).

Canadian lists Canadian NPRI: None required.

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

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.

U.S.Federal Regulations:

HCS Classification Not regulated

SARA 311/312 Classification: Not regulated

SARA 313 - Supplier Notification

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and

Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372:

None required.

SARA 302 Extremely Hazardous Substances: None required.

TSCA: All components are on the Toxic Substances Control Act (TSCA) inventory.

## **16. OTHER INFORMATION**

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY EXPRESSED OR IMPLIED IS MADE. ROBERTS URGES USERS OF THIS PRODUCT TO EVALUATE ITS SUITABILITY AND COMPLIANCE WITH LOCAL REGULATIONS AS ROBERTS CANNOT FORESEE THE FINAL USE OF THE PRODUCT, OR THE FINAL LOCATION OF USAGE.