

5. FIRE-FIGHTING MEASURES (Continued)

Hazardous Combustion Products

Carbon dioxide, carbon monoxide, unknown by-products of combustion otherwise no particular hazards known.

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.

Environmental Precautions - This product is not regulated by RCRA. This product is not regulated by CERCLA ('Superfund').

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: Creamy paste
Color: Tan
Odor: Very mild non-offensive odor.
Specific Gravity: 1.0
Vapor Density: Heavier than Air
Freezing Point: approx. 32°F
Percent VOC by Weight: 0%
V.O.C. by Weight: 0% (Method 310)
SOLUBILITY IN WATER: miscible

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Excessive heat.

Materials to Avoid: Strong oxidizers.

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.

14. TRANSPORT INFORMATION

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**

Sea – IMO/IMDG Class: N/A UN Nr: N/A Label: N/A

Packing Group: N/A

Marine Pollutant: N/A EMS: N/A

Air

Proper shipping name: **Non-Regulated**

Air – ICAO/IATA Class: N/A UN Nr: N/A Label : N/A

Sub Class: N/A

Packing Group: N/A Pack Instr. Passenger: N/A
Pack Instr. Cargo: N/A

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

15. REGULATORY INFORMATION

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.

State regulations Massachusetts RTK Substances: None required.

New Jersey RTK Hazardous Substances: None required.

Pennsylvania RTK Hazardous Substances: None required.

Canada

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

Canadian lists Canadian NPRI: None required.

16. OTHER INFORMATION

Hazardous Material Information System (U.S.A.)

Health: 1
Flammability: 0
Physical hazards: 0
PPE: B

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

Prepared by Roberts Product Safety & Regulatory Compliance Group, (706) 277-5294.

Date of issue: 09/13/2011

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, NOR THE FINAL LOCATION OF USAGE.

KEEP AWAY FROM CHILDREN

Material Safety Data Sheet

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

PRODUCT NAME: Roberts 2057 Superior Vinyl Composition Tile Adhesive

Product Code: 2057

MANUFACTURER : ROBERTS CONSOLIDATED INDUSTRIES, INC.

ADDRESS : 300 CROSS PLAINS BLVD.
DALTON, GA 30721

EMERGENCY PHONE : (800) 424-9300

EFFECTIVE DATE: 02/06/2014

INFORMATION PHONE : (706) 277-5294

Issued by: M. King

2. HAZARDS IDENTIFICATION

Caution! May cause slight eye, skin and respiratory tract irritation. Ingestion may cause gastric disturbances.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS</u>	<u>Wt%</u>
Water:	7732-18-5	45 - 55
Naphthenic Oil	64742-52-5	10 - 15
Modified Hydrocarbon Resin Blend	NA	10 - 15
Gum Rosin	8050-09-7	2 - 5
Synthetic Latex	9003-55-8	7 - 12
Non-Hazardous Proprietary Additives:	NA	<1
Sodium Hydroxide	1310-73-2	<0.9

Ingredients non hazardous as defined by OSHA 29 CFR 1910.1200.

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 and then drink plenty of 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: NA

Extinguishing Media

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

Hazardous Combustion Products

Carbon dioxide, carbon monoxide, unknown by-products of combustion otherwise no particular hazards known.

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.

Environmental Precautions - This product is not regulated by RCRA. This product is not regulated by CERCLA ('Superfund').

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: Creamy paste
Color: Tan
Odor: Very mild non-offensive odor.
Specific Gravity: 1.0
Vapor Density: Heavier than Air
Freezing Point: approx. 32°F
Percent VOC by Weight: <0.05%
V.O.C.: <1 g/l
SOLUBILITY IN WATER: miscible

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Conditions to Avoid: Excessive heat.
Materials to Avoid: Strong oxidizers.
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.

14. TRANSPORT INFORMATION

Land Transport (D.O.T.): Non-Regulated

Sea Transport (IMDG): Non-Regulated

Air Transport (ICAO/IATA): Non-Regulated

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

International Transportation Regulations: Not regulated as dangerous goods.

15. REGULATORY INFORMATION

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.

State regulations Massachusetts RTK Substances: None required.

New Jersey RTK Hazardous Substances: None required.

Pennsylvania RTK Hazardous Substances: None required.

Canada

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

Canadian lists Canadian NPRI: None required.

California Proposition 65:

To be best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

Hazardous Material Information System (U.S.A.)

Health: 1
Flammability: 0
Physical hazards: 0
PPE: B

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868. The customer is responsible for determining the PPE code for this material.

Prepared by Roberts Product Safety & Regulatory Compliance Group, (706) 277-5294.

Date of issue: 02/06/2014

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, NOR THE FINAL LOCATION OF USAGE.