



MATERIAL SAFETY DATA SHEET

Revision Date: 2/24/11
 Revision Number: 1
 Date Printed: 2/24/11

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Robbins MR1122 Envelope Repair Stock
 Robbins FG Number: N/A
 Robbins MR Number: N/A
 Chemical Family: None for Mixture
 Formula: Not specific for this class of compound
 C.A.S Number: Mixture

SUPPLIED BY:

Robbins LLC
 3415 Thompson St
 Muscle Shoals, AL 35661

Prepared By: Jon Simpson

INFORMATION:

256-383-5441 Ext. 2115

EMERGENCY (After Hours):

256-383-5441 Ext. 2372

CHEMTREC:

1-800-424-9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

<u>COMPONENT</u>	<u>CAS REG NO.</u>	<u>AMOUNT</u>
Carbon Black	1333-86-4	30.00-35.00%
Zinc Oxide	1314-13-2	1.00-3.00%

3. HAZARDS IDENTIFICATION

The health hazards of this product should be low under normal industrial and commercial uses.

HMIS Rating:

Health-1, Flammability-1, Reactivity-0

Personal Protection Index-B Safety equipment and gloves recommended

NFPA Rating:

Health-1, Flammability-1, Reactivity-0

Special Hazards-N/A

NFPA/HMIS Definitions:(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS rating)

POTENTIAL HEALTH EFFECTS

SKIN:

Prolonged or repeated skin contact may cause irritation. Skin contact with molten heated polymer can cause serious burns.

INHALATION:

Irritating vapors may be formed when product is processed at high temperatures.

INGESTION:

Ingestion is not considered a potential route of exposure.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Immediately flush eyes with plenty of water for at least 15 minutes.

SKIN CONTACT FIRST AID:

Wash skin with soap and water. For hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat.

INHALATION FIRST AID:

Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen.

INGESTION FIRST AID:

Ingestion is not considered a potential route of exposure.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash point: Not determined

Autoignition Temp: N/A

GENERAL HAZARDS:

Solid material may burn at or above the flashpoint.

If thermally decomposed, flammable/toxic gases may be released.

Toxic gases will form upon combustion.

Fire is accompanied by the evolution of a dense black smoke with an acrid odor.

EXTINGUISHING MEDIA:

Use water spray to cool fire exposed surfaces and protect personnel. Isolate "fuel" supply to fire. Carbon dioxide is not generally recommended for use on class A fires as a lack of cooling capacity may result in reignition.

FIRE FIGHTING INSTRUCTIONS:

Avoid breathing smoke, fumes, and decomposition products. Wear SCBA and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

LAND SPILL:

Recover spilled material and place in suitable containers for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

WATER SPILL:

Recover spilled material and place in suitable containers for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

7. HANDLING AND STORAGE

ELECTROSTATIC ACCUMULATION HAZARD:

None, but use
grounding

	procedures.
STORAGE TEMPERATURE, F:	Ambient
LOADING / UNLOADING TEMPERATURE, F:	Ambient
STORAGE / TRANSPORT PRESSURE, mmHg:	Atmospheric
STORAGE AND HANDLING:	Store in a cool, dry place and protect from sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS:

Local exhaust ventilation of process equipment may be needed to control vapor exposures to below the recommended exposure limit.

PERSONAL PROTECTION:

For open systems where contact is likely, wear safety glasses with side shields. Where contact may occur with hot materials, wear thermal resistant gloves, arm protection and a face shield.

Where overexposure by inhalation may occur and engineering, work practice or other means of exposure reduction are not adequate, approved respirators may be necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY, at 72 F	1.108 (approximately)
PHYSICAL STATE	Solid
SOLUBILITY IN WATER, wt.% at 72 F	Insoluble
EVAPORATION RATE:	N/A
VAPOR PRESSURE, mmHg at 72 F:	N/A
VISCOSITY OF LIQUID, cSt at 72 F	N/A
MELTING / FREEZING POINT, F:	N/A
BOILING POINT, F:	N/A
SP.GRAV. OF VAPOR, at 1 atm :	N/A

10. STABILITY AND REACTIVITY

STABILITY:

Stable

HAZARDOUS POLYMERIZATION:

Will not occur

INCOMPATIBILITY:

Strong Oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS:

Polymer decomposition may produce fumes, smoke, and oxides of carbon and hydrocarbons

11. TOXICOLOGICAL INFORMATION

Components of this material are potentially irritating.

12. ECOLOGICAL INFORMATION

No specific ecological data is available for this product. Refer to section 6 for information regarding accidental releases.

13. DISPOSAL CONSIDERATIONS

Treat or dispose of all waste material in accordance with all local, state and national requirements.

14. TRANSPORTATION INFORMATION

This product is not DOT regulated.

P/N ~~41597~~ 41597



MATERIAL SAFETY DATA SHEET

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Robbins Repair Cement
Robbins FG Number: N/A
Robbins MR Number: N/A
Chemical Family: None for Mixture
Formula: Not specific for this class of compound
C.A.S Number: Mixture

SUPPLIED BY:
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Muscle Shoals, AL 35661

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2. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

<u>COMPONENT</u>	<u>CAS REG NO.</u>	<u>AMOUNT</u>
Carbon Black	1333-86-4	5.00-10.00%
Zinc Oxide	1314-13-2	<1.00%
Hexane	110-54-3	35.00-40.00%
Heptane	142-82-5	15.00-20.00%
Toluene	108-88-3	20.00-25.00%

3. HAZARDS IDENTIFICATION

Material is a Class 3 hazard: Flammable Liquid

HMIS Rating:

Health-1, Flammability-3, Reactivity-0

Personal Protection Index-B Safety equipment and gloves recommended

NFPA Rating:

Health-1, Flammability-3, Reactivity-0

Special Hazards-N/A

NFPA/HMIS Definitions:(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS rating)

POTENTIAL HEALTH EFFECTS

SKIN:

Prolonged or repeated skin contact may cause irritation. Skin contact with molten heated polymer can cause serious burns.

INHALATION:

Irritating vapors may be formed when product is processed at high temperatures.

INGESTION:

Ingestion is not considered a potential route of exposure.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Immediately flush eyes with plenty of water for at least 15 minutes.

SKIN CONTACT FIRST AID:

Wash skin with soap and water. For hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat.

INHALATION FIRST AID:

Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen.

INGESTION FIRST AID:

Ingestion is not considered a potential route of exposure.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash point: Not determined

Autoignition Temp: N/A

GENERAL HAZARDS:

Class 3: Flammable Liquid

EXTINGUISHING MEDIA:

Flammable liquid. For a small fire, use dry chemical powder.

In case of large fire, use water spray or fog.

FIRE FIGHTING INSTRUCTIONS:

Avoid breathing smoke, fumes, and decomposition products. Wear SCBA and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

LAND SPILL:

Recover spilled material and place in suitable containers for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

WATER SPILL:

Recover spilled material and place in suitable containers for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

7. HANDLING AND STORAGE

ELECTROSTATIC ACCUMULATION HAZARD:

Product will combust

if exposed to electric charge.

STORAGE TEMPERATURE, F: Ambient

LOADING / UNLOADING TEMPERATURE, F: Ambient

STORAGE / TRANSPORT PRESSURE, mmHg: Atmospheric

STORAGE AND HANDLING: Store in a cool, dry place and protect from heat and sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS:

Local exhaust ventilation of process equipment may be needed to control vapor exposures to below the recommended exposure limit.

PERSONAL PROTECTION:

For open systems where contact is likely, wear safety glasses with side shields. Where contact may occur with hot materials, wear thermal resistant gloves, arm protection and a face shield.

Where overexposure by inhalation may occur and engineering, work practice or other means of exposure reduction are not adequate, approved respirators may be necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY, at 72 F	0.806 (approximately)
PHYSICAL STATE	Solid
SOLUBILITY IN WATER, wt.% at 72 F	Insoluble
EVAPORATION RATE:	N/A
VAPOR PRESSURE, mmHg at 72 F:	N/A
VISCOSITY OF LIQUID, cSt at 72 F	N/A
MELTING / FREEZING POINT, F:	N/A
BOILING POINT, F:	N/A
SP.GRAV. OF VAPOR, at 1 atm :	N/A

10. STABILITY AND REACTIVITY

STABILITY:

Stable

HAZARDOUS POLYMERIZATION:

Will not occur

INCOMPATIBILITY:

Strong Oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS:

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13. DISPOSAL CONSIDERATIONS

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14. TRANSPORTATION INFORMATION

This product a Class 3 Flammable Liquid