MATERIAL SAFETY DATA SHEET

DATE PRINTED :	8/14/2013
MSDS REF. No :	R663-000

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Easycove Adhesive
PRODUCT CODE: R663-000

Supplier/ Manufacturer
Easycove
872 S. Milwaukee Ave. Suite 234
Libertyville, IL, 60048
847-845-0142

EMERGENCY PHONE: CHEMTREC 800-424-9300, 24hours
ORIGINAL DATE ISSUED: 3/25/13 **REVISION DATE:** 3/25/13

2. COMPOSITION/INFORMATION ON INGREDIENTS

This document is a pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard. All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Chemical Name	Weight %	CAS Number
Bis-A Epoxy Phenol Resin	<100%	2506838-6
Glycerin 99.5%	<5%	56-B1-5
Carbon Black	<10%	1333-86-4
Amorphous, fumed Silica	<10%	112945-52-5
Light Aromatic Naptha Solvent	<5%	64742-95-6
PM acetate	<5%	108-65-5

3. HAZARDS IDENTIFICATION

PRIMARY ROUTE OF ENTRY: Skin Contact Skin Absorption Inhalation Ingestion Eye Contact

Effects of Overexposure:

SKIN: May cause irritation. Allergic reaction possible. May cause sensitization. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).
EYES: May cause irritation. Irritation, burning, tearing, and redness.
INHALATION: Inhalation of vapors causes skin irritation of the respiratory tract and may cause adverse systemic effects. Headache. Nausea.
INGESTION: Headache. Nausea. Vomiting. Diarrhea. Mouth and throat burns.
CHRONIC HAZARDS: Not classified as a carcinogen. Overexposure may cause lung damage. Liver Disorders. Kidney Disorders. Adverse respiratory effects. Adverse skin effects. Adverse eye effects.

4. FIRST AID MEASURES

EYES : Hold eyelids open and flush with plenty of water for at least 20 minutes. Get Medical Attention.
SKIN : Contact a physician. Remove product and flush with plenty of water for at least 20-30 minutes. Wash with soap and water. Remove contaminated clothing immediately, wash before next use, and discard any items too difficult to clean.

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INGESTION : DO NOT INDUCE VOMITING! Call a physician or poison control center immediately. Give victim a glass of water or milk. Never give anything by mouth to an unconscious person.
INHALATION : Consult a physician. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

5. FIRE FIGHTING MEASURES

FLASH POINT : N.A **FLASH METHOD :** N.A
AUTOIGNITION TEMPERATURE : N.A.
LIMITS OF FLAMMABILITY : N.A.
EXTINGUISHING MEDIA : Dry Chemical Foam. Carbon Dioxide. Foam.
SPECIAL FIRE & UNUSAL HAZARD :May generate toxic or irritating combustion products. May generate phenolics. May generate carbon monoxide gas. May generate toxic nitrogen oxide gases
SPECIAL FIREFIGHTING INSTRUCTIONS: Remove all ignition sources. Firefighters should be equipped with NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode to protect against potentially toxic and irritating fumes. Use cold water spray to cool fire-exposed containers to minimize the risk of rupture.

6. ACCIDENTAL RELEASE MEASURES

Action to Take for Spills/Leaks: Dike spill area. Absorb spill with inert material (ex. dry sand or earth) and place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead into waterways. Place in sealed metal containers for proper disposal. Wear a self-contained breathing apparatus and appropriate personal protective equipment.
DO NOT TOUCH or walkthrough spilled material.

7. HANDLING AND STORAGE

HANDLING: Handle in a well ventilated workspace. Empty containers may contain explosive vapors. Flush empty containers with water to remove residual flammable liquid vapors. Ground all containers during material transfer. Avoid breathing dust, vapor or mist. Avoid contact with eyes. Avoid contact with skin or clothing.
STORAGE: Keep from freezing. Keep container closed when not in use. Keep container in a cool, well-ventilated place. Keep away from food, drink, and animal feed stuffs. Keep away from ignition sources and other incompatibilities. Store in original container or a container very similar to that of the original.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

Ventilation: Good general ventilation should be sufficient to control airborne levels.

Personal Protection Equipment:
Respiratory Protection: In poorly ventilated areas, a cartridge mask NIOSH approved for organic vapors is recommended. For emergency situations use self-contained breathing apparatus with pressure demand mode.
Skin Protection: Where contact is likely, wear chemical resistant gloves, rubber boots, and chemical safety goggles.
Eye Protection: Wear chemical safety glasses with side shields or goggles. In the event of an emergency, use eye goggles with a full face shield. DO NOT WEAR CONTACT LENSES when working with this material!!!

Hygienic Practices: Wash hands before eating. Remove contaminated clothing and wash before reuse. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Volatile Organic Content: 0.0671521	**Solubility in Water**: Insoluble
Color: Black	**Specific Gravity @ 20°C**:1.1709194
Odor: N.A.	**pH @ 100%:** N.A.
Physical Appearance: Black Liquid	
N/A = Not Available **N/D =** Not Determined **Ca. =** Approximate	

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10. STABILITY AND REACTIVITY

STABILITY: This product is stable under normal storage conditions.
HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.
INCOMPATIBILITY: Oxidizing Agents. Strong acids, acids. Strong bases, bases.
HAZARDOUS DECOMPOSITION PRODUCTS: Phenolics due to combustion. Carbon monoxide due to combustion. Carbon dioxide due to combustion. Nitrogen oxides due to combustion. Irritating and toxic fumes at elevated temperatures.
CONDITIONS TO AVOID: Open Flame / Sparks / Sources of ignition. Heat. See Incompatibility Section for Conditions to avoid.

11. TOXICOLOGICAL INFORMATION

Component Toxicological Information:N.A.

12. ECOLOGICAL INFORMATION

Marine Pollutant/Ecotoxicity: N.A.

Environmental Fate: N.A.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Comply with all Federal, State and Local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

DOT Proper Shipping Name: Resin Compounds, Liquid, Not Regulated.

DOT Technical Name: N.A.

DOT Hazard Class: N.A.

Hazard Subclass: N.A.

DOT I.D. Number: N.A.

Packing Group: N.A.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of 16 headings.

CANADIAN WHMIS CLASS: N.A.

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS AS FOLLOWS-

OSHA Hazard Communication Standard (29 CFR 1910.1200): Hazardous by definition of Hazard Communication Standard.

CERCLA/ Super Fund (40 CFR 117, 302):

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard (Acute)

SARA Toxic Chemicals (40 CFR 372):

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: **None.**

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TOXIC SUBSTANCES CONTROL ACT: N.A.

NEW JERSEY RIGHT-TO-KNOW: Carbon Black 13333-86-4

PENNSYLVANIA RIGHT-TO-KNOW:

Chemical Name	CAS Number
Bis-A Epoxy Phenol Resin	2506838-6
Carbon Black	1333-86-4
Amorphous Fumed Silica	112945-95-6

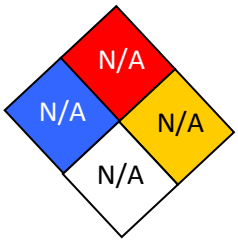
California Proposition 65: Carbon Black 13333-86-4 <10%

16. OTHER INFORMATION

THE INFORMATION HEREIN HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, ROCK-TRED CORPORATION CANNOT GIVE ANY GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES, AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY FOR ITS USE.

HMIS RATING	
Health :	2
Flammability :	1
Reactivity :	2
Personal Protection :	X

NFPA CODES



MATERIAL SAFETY DATA SHEET

DATE PRINTED :	8/14/2013
MSDS REF. No :	H664-000

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Easycove Adhesive
PRODUCT CODE: H664-000

Supplier/ Manufacturer
Easycove
872 S. Milwaukee Ave. Suite 234
Libertyville, IL, 60048
847-845-0142

EMERGENCY PHONE: CHEMTREC 800-424-9300, 24 hours
ORIGINAL DATE ISSUED: 3/22/13 **REVISION DATE:** 5/22/13

2. COMPOSITION/INFORMATION ON INGREDIENTS

This document is a pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard. All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Chemical Name	Weight %	CAS Number
Paratertiarybutylphenol	<30%	98-54-4
Benzyl Alcohol	<20%	100-51-6
1,3- cyclohexanedimethaneamine	<20%	2579-20-6
Triphenyl Phosphite	<20%	101-02-0
Amorphous, Fumed Silica	<20%	112945-52-5
Titanium Dioxide	<5%	13463-67-7
Glycerin 99.5%	<5%	56-81-5
Light Aromatic Naphtha Solvent	<5%	64742-95-6
Fuller's Earth	<5%	8031-18-3
Crystalline Silica	<5%	14808-60-7
Magnesium Oxide	<5%	1309-48-4

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3. HAZARDS IDENTIFICATION

PRIMARY ROUTE OF ENTRY: Skin Contact Skin Absorption Inhalation Ingestion Eye Contact

Effects of Overexposure:

SKIN: May cause irritation. Allergic reaction possible. May cause sensitization. Corrosive. Will cause permanent skin damage and scarring.
EYES: May cause irritation. Irritation, burning, tearing, and redness. Will cause eye burns.
INHALATION: Inhalation of vapors causes skin irritation of the respiratory tract and may cause adverse systemic effects. Dry throat and cough, dizziness, nausea, headache and fatigue. Breathing material may irritate the mucous membranes of the nose, throat, bronchi and lungs. Conditions aggravated by exposure include asthma and other respiratory disorders. Certain individuals will develop sensitization which will results in reactions at levels below the TLV.
INGESTION: Can result in irritation and corrosive action in the mouth, stomach tissue, and digestive tract. Symptoms can include sore throat, abdominal pain, nausea vomiting, and diarrhea.
CHRONIC HAZARDS: Not classified as a carcinogen.

4. FIRST AID MEASURES

EYES : Hold eyelids open and flush with plenty of water for at least 20 minutes. Get Medical Attention.
SKIN : Remove product and flush with plenty of water for at least 20-30 minutes. Wash with soap and water. Remove contaminated clothing immediately, wash before next use, and discard any items too difficult to clean.
INGESTION : Administer 3-4 glasses of milk or water. Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING! Call a physician or poison control center immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.
INHALATION : Consult a physician. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

5. FIRE FIGHTING MEASURES

FLASH POINT: N.A **FLASH METHOD :** N.A
AUTOIGNITION TEMPERATURE: N.A.
LIMITS OF FLAMMABILITY: N.A.
EXTINGUISHING MEDIA: Dry Chemical Foam. Carbon Dioxide. Foam.
SPECIAL FIRE & UNUSAL HAZARD: May generate toxic or irritating combustion products. May generate carbon monoxide gas. May generate toxic fumes. May generate toxic nitrogen oxide gases
SPECIAL FIREFIGHTING INSTRUCTIONS: Remove all ignition sources. In the event of a fire, wear self-contained breathing apparatus. Use water spray to cool unopened containers. Move containers from fire area if you can do so without risk. Dike and collect water used to fight fire.

6. ACCIDENTAL RELEASE MEASURES

Action to Take for Spills/Leaks: Dike spill area.. Absorb spill with inert material (ex. dry sand or earth) and place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead into waterways. Place in sealed metal containers for proper disposal. Wear a self-contained breathing apparatus and appropriate personal protective equipment. DO NOT TOUCH or walkthrough spilled material.

7. HANDLING AND STORAGE

HANDLING: Handle in a well ventilated workspace. Empty containers may contain explosive vapors. Flush empty containers with water to remove residual flammable liquid vapors. Ground all containers during material transfer. Avoid breathing dust, vapor or mist. Avoid contact with eyes. Avoid contact with skin or clothing.
STORAGE: Keep from freezing. Keep container closed when not in use. Keep container in a cool, well-ventilated place. Keep away from food, drink, and animal feed stuffs. Keep away from ignition sources and other incompatibilities. Store in original container or a container very similar to that of the original.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

Ventilation: Good general ventilation should be sufficient to control airborne levels. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

Personal Protection Equipment:
Respiratory Protection: In poorly ventilated areas, a cartridge mask NIOSH approved for organic vapors is recommended. For emergency situations use self-contained breathing apparatus with pressure demand mode.
Skin Protection: Where contact is likely, wear chemical resistant gloves, rubber boots, and chemical safety goggles.
Eye Protection: Wear chemical safety glasses with side shields or goggles. In the event of an emergency, use eye goggles with a full face shield. DO NOT WEAR CONTACT LENSES when working with this material!!!

MATERIAL SAFETY DATA SHEET

Hygienic Practices: Wash hands before eating. Remove contaminated clothing and wash before reuse. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Volatile Organic Content: 28.14 g/L	**Solubility in Water**: Slightly Miscible
Color: White	**Specific Gravity @ 20°C**:1.2518542
Odor: Ammoniacal	**pH @ 100%:** N.A.
Physical Appearance: White, milky liquid	
N/A = Not Available **N/D =** Not Determined **Ca. =** Approximate	

10. STABILITY AND REACTIVITY

STABILITY: This product is stable under normal storage conditions.
HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.
INCOMPATIBILITY: Oxidizing Agents. Strong acids, acids. Epoxies. Turpentine. Vegetable Oil. Unsaturated organic compounds
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide due to combustion. Carbon dioxide due to combustion. Nitrogen oxides due to combustion. Irritating and toxic fumes at elevated temperatures. Organic compounds.
CONDITIONS TO AVOID: Open Flame / Sparks / Sources of ignition. Heat. Epoxies. See Incompatibility Section for Conditions to avoid.

11. TOXICOLOGICAL INFORMATION

Component Toxicological Information:
Inhalation of crystalline silica: LC50 >0.691 mg/l Rat, 4hrs
Repeated dose toxicity: Repeated inhalation exposure may affect certain organs; the substance may cause increase in lung mass and lung tissue changes after repeated inhalation. Repeated exposure to high concentrations of crystalline silica results in silicosis, a lung disease characterized by coughing, difficult breathing, wheezing, scarring of the lungs, and repeated, non-specific chest illnesses.

Crystalline silica is listed as an IARC and NTP carcinogen.

12. ECOLOGICAL INFORMATION

Fish

Information on: Fuller's earth

Acute: Oncorhynchus mykiss/LC50 (96 h): 19,000 mg/l The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Information on: crystalline silica

Acute: OECD 203; ISO 7346; 92/69/EEC, C.1 static Brachydanio rerio/LC50 (96 h): > 9,999 mg/l

Information on: magnesium oxide

Acute: DIN 38412 Part 15 static Leuciscus idus/LC50 (48 h): 7,700 mg/l

Aquatic invertebrates

Information on: crystalline silica

Acute: static Daphnia magna/EC50 (24 h): > 10,000 mg/l

Information on: magnesium oxide

Acute: Directive 84/449/EEC, C.2 Daphnia magna/EC50 (24 h): 1,400 mg/l

Aquatic plants

Information on: crystalline silica

Toxicity to aquatic plants: static green algae/No observed effect concentration (72 h): 10,000 mg/l

Information on: magnesium oxide

Toxicity to aquatic plants: ISO 8692 Algae/EC50 (72 h): 2,200 mg/l.

Other adverse effects:

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations. The product has not been tested. The statement has been derived from the properties of the individual components.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Comply with all Federal, State and Local regulations. Dispose of in a licensed facility. Do not discharge into drains/surface waters/groundwater. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container disposal:

Dispose of in a licensed facility. Empty containers or liners may retain product residues. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

14. TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

DOT Proper Shipping Name: Amines, Liquid, Corrosive, N.O.S.

DOT Technical Name: N.A.

DOT Hazard Class: Class 8

Hazard Subclass: N.A.

DOT I.D. Number: UN2735

Packing Group: N.A.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of 16 headings.

CANADIAN WHMIS CLASS: N.A.

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS AS FOLLOWS-

OSHA Hazard Communication Standard (29 CFR 1910.1200): Hazardous by definition of Hazard Communication Standard.

CERCLA/ Super Fund (40 CFR 117, 302):

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard (Acute) Chronic Health Hazard (Delayed)

MATERIAL SAFETY DATA SHEET

SARA Toxic Chemicals (40 CFR 372):

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: **None.**

TOXIC SUBSTANCES CONTROL ACT: All components are listed on the TSCA inventory.

NEW JERSEY RIGHT-TO-KNOW:

Chemical Name	CAS Number
M-xylenediamine	1477-55-0
Titanium Dioxide	13463-67-7
Magnesium Oxide	1309-48-4
Crystalline Silica	14808-60-7
Glycerin	56-81-5

PENNSYLVANIA RIGHT-TO-KNOW:

Chemical Name	CAS Number
M-xylenediamine	1477-55-0
Titanium Dioxide	13463-67-7
Paratertiarybutylphenol	98-54-4
1,3-cyclohexanedimethaneamine	2579-20-6
Triphenyl Phosphate	101-02-0
Amorphous Fumed Silica	112945-52-5
Magnesium Oxide	1309-48-4
Crystalline Silica	14808-60-7
Glycerin	56-81-5

California Proposition 65: This product contains a chemical known to the State of California to cause cancer.

16. OTHER INFORMATION

THE INFORMATION HEREIN HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, ROCK-TRED CORPORATION CANNOT GIVE ANY GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES, AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY FOR ITS USE.

HMIS RATING	
Health :	1*
Flammability :	2
Reactivity :	0
Personal Protection :	X

* Chronic Health Hazard

NFPA CODES