

TAYLOR

Innovative Science. Applied Technology.

Safety Data Sheet

Encap 500 Adhesive Encapsulator Part A

Revision Date: May 22, 2015

Version: 1

1. Identification

Product identifier used on the label

Encap 500 Adhesive Encapsulator Part A

Recommended use of the chemical and restriction on use: barrier coating for encapsulating old cutback, multi-purpose and pressure sensitive adhesives.

Details of the supplier of the safety data sheet

Company:

W.F.Taylor LLC

11545 Pacific Avenue

Fontana, CA 92337, USA

Telephone number: (951) 360-6677

Emergency Telephone Number: 1-800-535-5053

Other Means of Identification

Chemical Family: Epoxy resin dispersion in water and 2-propoxyethanol.

2. Hazards identification

According to regulation 2012 OSHA Hazard Communication Standard : 29 CFR Part 1910.1200

Classification of the Product:

Health Hazard

Label Elements

Moderately toxic and harmful if swallowed, inhaled, absorbed through skin.

Can cause severe eye irritation.

Skin irritant. Skin sensitizer.

May cause damage to red blood cells.

Labeling of special preparations (GHS):

none

According to Regulation 1994 OSHA Hazard Communication Standard : 29 CFR Part 1910.1200**Emergency Overview**

Use proper ventilation. Do not mix with Part B until ready for use. Produces exothermic reaction. Do not mix in large quantities.

Caution:

May cause skin irritation if not removed after skin contact.

Use with Use with local exhaust ventilation.

Use protective equipment for eyes, skin protection.

3. Composition / Information on Ingredients**According to Regulation 1994 OSHA Hazard Communication Standard : 29 CFR Part 1910.1200**

This product does not contain any components classified as hazardous under the referenced regulation.

According to Regulation 1994 OSHA Hazard Communication Standard : 29 CFR Part 1910.1200

<u>CAS Number</u>	<u>Content</u>	<u>Chemical Name</u>
Proprietary	<55	Modified BPA / ECH Epoxy resin
7731-18-5	35- 39	Water
2807-30-9	8-12	2-Propoxyethanol

4. First Aid Measures

Description of First Aid measures

First-aid measures general:

Remove material from contact immediately and apply recommended first-aid procedure. Get medical attention immediately if symptoms occur.

First-aid measures after inhalation:

Remove individual to fresh air. Administer oxygen if necessary. Seek medical attention.

First-aid measures after skin contact:

Remove from skin and wash with mild soap and water for at least 15 minutes. If irritation persists, seek medical attention. Do not reuse contaminated clothing unless thoroughly cleaned. Contaminated leather articles such as shoes cannot be decontaminated and should be destroyed.

First-aid measures after eye contact:

Open eyelids and flush with running water for at least 15-20 minutes. If irritation persists, seek medical attention.

First-aid measures after ingestion:

Seek medical attention immediately. Do not induce vomiting. This might cause chemical pneumonitis.

Most important symptoms and effects, both acute and delayed

Acute: May cause headache, skin rash, and central nervous system depression.

Delayed/Chronic: May cause narcosis, unconsciousness from inhalation. May cause dermatitis from chronic skin contact.

Indication of any immediate medical attention and special treatment needed

Note to physician

Symptoms: Skin sensitization may be evidenced by rashes especially hives. Damage to blood forming organs may be evidenced by easy fatigability and pallor, decrease resistance to infection, and excessive bruising and bleeding.

Treatment:

Symptomatic treatment. If more than 2.0 ml per kilogram has been ingested and vomiting has not occurred, emesis should be induced with supervision. Keep victim's head below hips to prevent aspiration. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage should be considered.

5. Fire-Fighting Measures

Extinguishing Media

Carbon dioxide, foam, dry chemicals, water fog

Special hazards arising from the substance or mixture

Material will not burn unless pre-heated.

Advice for fire-fighters

Water may spread burning liquid. Avoid direct stream of water. Use water spray only to cool containers exposed to flames. Do not enter closed or confined work area without proper protective equipment. Use self-contained breathing apparatus and turn out gear. If leak or spill has not ignited, use water fog to disperse vapors.

Further Information:

Dispose fire debris and contaminated clothing in accordance with official regulations.

6. Accidental release measures

Further accidental release measures:

Slippage hazard. Evacuate area and report incident immediately. Material will burn but not easily ignitable.

Personal precautions, protective equipment and emergency procedures

Use protective equipment when handling spills. Avoid contact with skin, eyes, inhalation or vapors.

Environmental Precautions

Dike and contain the area. Block all natural waterways entry during spill.

Methods and material for containment and cleaning up

Use absorbents (clay, sand) to remove large volume of material. Scrape residual amount and place in closed DOT approved containers for disposal.

7. Handling and Storage

Precautions for Safe Handling

Always use protective equipment when handling material to avoid direct contact. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Material will burn but not easily ignitable. Keep away from sources of ignition. Protect against physical damage. Store in a cool, dry place.

8. Exposure Control/ Personal Protection

Advice on system design:

Maintain proper ventilation. Keep away from sources of ignition. Avoid skin and eye contact. Use local exhaust. Do not use closed air circulating system. Open doors and windows if necessary.

Personal protective equipment:

Respiratory protection:	NIOSH respirator
Skin protection:	Chemical resistant gloves
Eye protection:	Safety glasses, goggles, or face shield if needed
General safety and hygiene safety measures:	Always wash hands after use. Remove contaminated clothing to avoid constant contact with skin. Launder contaminate clothing before re-use.

9. Physical and Chemical Properties

Form:	Viscous liquid
Odor:	Epoxy
Odor threshold:	No Data
Color:	White
pH value:	7.95 – 9.5
Melting point:	Not applicable
Boiling point:	>212 degree F
Flash point:	>212 degrees F
Flammability:	Material will burn
Lower explosion:	Not applicable
Upper explosion:	Not applicable
Vapor pressure:	< 2 kPa at 68 degrees F
Density:	8.95 – 9.51 lbs. per gallon
Relative density:	1.07 – 1.14 grams / cm ³
Vapor density:	Not applicable

Partition Coefficient n-octanol/water (log Pow):	No data
Self-ignition temperature:	Not determined
Viscosity, dynamic:	8,000 – 18,000 cps
Solubility in water:	Not soluble
Miscibility in water:	miscible
Evaporation rate:	Not determined
Other information:	

10. Stability and Reactivity

Reactivity:

Stable

Chemical stability:

None known

Possibility of hazardous reactions:

Stable

Conditions to avoid:

Reaction with strong acids and bases in bulk. Will release considerable heat when curing. Do not mix with curing agent in large volume.

Incompatible materials:

Strong oxidizing agents, strong mineral acids, strong mineral and organic bases, primary and secondary aliphatic amines.

Hazardous decomposition products:

Oxides of carbon, water and organic compounds of unknown structures. Do not breathe smoke or fumes.

11. Toxicological Information

Primary routes of exposure:

Respiratory, eyes, skin. Ingestion is not likely but might cause gastric disturbances.

Acute Toxicity / Effects

Acute toxicity: (compiled based on the data supplied by supplier)
May cause headache, skin rash, central nervous system depression.

Acute oral effects: LD50 > 2000 mg / kg

Acute dermal toxicity: (LD50): > 2000 mg / kg

Chronic Toxicity Effects

Sensitization: Moderate skin

sensitizer Skin: sensitizer

Eyes: irritant

Inhalation: May cause respiratory tract irritation. Maybe harmful if inhaled. May cause damage to red blood cells. Reproduction: Possible impaired fertility

Repeated dose toxicity: May cause dermatitis from chronic skin contact, respiratory tract infection,

Genetic toxicity: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

Teratogenicity: No data available

Other Information

12. Ecological Information

Information is based on components and toxicology similar products

Biodegradability: readily biodegradable.

Bioaccumulation: contains components with potential to bioaccumulate.

Fish Toxicity: LC50 <= 100 mg/l

Algae Toxicity: LC50 <= 100 mg/l

Invertebrate Toxicity: <=100 mg/

Sewage treatment: expected to be non toxic

13. Disposal Considerations

Abide by all State, federal and local regulations

14. Transport Information

Proper Shipping name: None
D.O.T. Hazard Classification: none
D.O.T. Identification no.: none
D.O.T Packaging Group: none
D.O.T Labels required: none
D.O.T. Placards required (CFR 172.504) : None
Bill of Lading Description: **Adhesive, cement, NOI**

15. Regulatory Information:**Federal Regulations****Registration status:**

TSCA: Chemicals contained in the product are either listed or exempt in the U.S. EPA TSCA inventory list.

SARA Title III, Section 312 Hazard Class: Acute Health Hazard, Chronic health Hazard

EPA SARA Title III Section 313: None

State regulations:

CA Prop 65: none

16. Other Information

SDS prepared by: W.F. Taylor LLC SDS group

SDS prepared on: May, 22, 2015

W.F. Taylor LLC believes the data set forth herein are accurate as of the date hereof. Taylor makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.

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Safety Data Sheet

Encap 500 Adhesive Encapsulator Part B

Revision Date: May 22, 2015

Version: 1

1. Identification

Product identifier used on the label

Encap 500 Adhesive Encapsulator Part B

Recommended use of the chemical and restriction on use: 2-part system recommended for the installation of vinyl and rubber sheet goods, luxury vinyl tiles, and studded rubber and vinyl tiles on all clean and dry sub-floors, above, on or below grade.

Details of the supplier of the safety data sheet

Company:

W.F.Taylor LLC

11545 Pacific Avenue

Fontana, CA 92337, USA

Telephone number: (951) 360-6677

Emergency Telephone Number: 1-800-535-5053

Other Means of Identification

Chemical Family: Amines

2. Hazards identification

According to regulation 2012 OSHA Hazard Communication Standard : 29 CFR Part 1910.1200

Classification of the Product:

Irritant, Sensitizer

Label Elements

Mild respiratory tract irritant
Severe Eye irritant, Corrosive to eyes
Skin Irritant

Labeling of special preparations (GHS):

Irritant

According to Regulation 1994 OSHA Hazard Communication Standard : 29 CFR Part 1910.1200**Emergency Overview**

Use proper ventilation. Do not mix with Part A until ready for use. Produces exothermic reaction. Do not mix in large quantities.

Caution:

Will cause skin irritation if not removed after skin contact.
Use with Use with local exhaust ventilation.
Use protective equipment for eyes, skin protection.

3. Composition / Information on Ingredients**According to Regulation 1994 OSHA Hazard Communication Standard : 29 CFR Part 1910.1200**

This product does not contain any components classified as hazardous under the referenced regulation.

According to Regulation 1994 OSHA Hazard Communication Standard : 29 CFR Part 1910.1200

<u>CAS Number</u>	<u>Content</u>	<u>Chemical Name</u>
Trade Secret	35-45	Calcium Carbonate
Trade Secret	60-65	Modified Polyamide Mixture

4. First Aid Measures**Description of First Aid measures****First-aid measures general:**

Remove material from contact immediately and apply recommended first-aid procedure.

First-aid measures after inhalation:

Remove individual to fresh air. Administer oxygen if necessary. Seek medical attention.

First-aid measures after skin contact: Remove from skin and wash with mild soap and water. If irritation persists, seek medical attention.

First-aid measures after eye contact: Open eyelids and flush with running water for at least 15-20 minutes. If irritation persists, seek medical attention.

First-aid measures after ingestion: Seek medical attention immediately. Do not induce vomiting. This might cause chemical pneumonitis.

Most important symptoms and effects, both acute and delayed

Acute: May cause headache, skin rash, and central nervous system depression.

Delayed/Chronic: May cause narcosis, unconsciousness from inhalation. May cause dermatitis from chronic skin contact.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Symptomatic treatment

5. Fire-Fighting Measures

Extinguishing Media

Carbon dioxide, foam, dry chemicals, water spray

Special hazards arising from the substance or mixture

Do not expose to excessive heat, open flames or sparks. Turn off all pilot lights.

Advice for fire-fighters

Water may spread burning liquid. Avoid direct stream of water. Use water spray only to cool containers exposed to flames.

Do not enter closed or confined work area without proper protective equipment. Use self-contained breathing apparatus and turn out gear. If leak or spill has not ignited, use water fog to disperse vapors.

Further Information:

Dispose fire debris and contaminated clothing in accordance with official regulations.

6. Accidental release measures

Further accidental release measures:

Fire and slippage hazard. Eliminate sources of ignition including electrical switches and motors, pilot lights, etc. Evacuate area and report incident immediately. Keep Parts A and B separated.

Personal precautions, protective equipment and emergency procedures

Use protective equipment when handling spills. Avoid contact with skin, eyes, inhalation or vapors.

Environmental Precautions

Dike and contain the area. Block all natural waterways entry during spill.

Methods and material for containment and cleaning up

Use absorbents (clay, sand) to remove large volume of material. Scrape residual amount and place in closed DOT approved containers for disposal.

7. Handling and Storage

Precautions for Safe Handling

Always use protective equipment when handling material to avoid direct contact. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Product is flammable. Keep away from sources of ignition. Protect against physical damage. Store in a cool, dry place.

8. Exposure Control/ Personal Protection

Advice on system design:

Maintain proper ventilation. Keep away from sources of ignition. Avoid skin and eye contact. Use local exhaust. Do not use closed air circulating system. Open doors and windows if necessary.

Personal protective equipment:

Respiratory protection:

NIOSH respirator

Skin protection:

Chemical resistant gloves

Eye protection:

Safety glasses, goggles, or face shield if needed

General safety and hygiene safety measures:

Always wash hands after use. Remove contaminated clothing to avoid constant contact with skin. Launder contaminate clothing before re-use.

9. Physical and Chemical Properties

Form:

Viscous liquid

Odor:

Ammoniacal

Odor threshold:

No Data

Color:	Yellow to amber
pH value:	9.2
Melting point:	Not applicable
Boiling point:	> 212 degrees F
Flash point:	> 100 degrees F
Flammability:	Material will burn
Lower explosion:	Not applicable
Upper explosion:	Not applicable
Vapor pressure:	Not determined
Density:	9.16 lbs. per gallon
Relative density:	1.1 grams / cm ³
Vapor density:	Not applicable
Partition Coefficient n-octanol/water (log Pow):	No data
Self-ignition temperature:	Not determined
Viscosity, dynamic:	7,500 cps
Solubility in water:	Not soluble
Miscibility in water:	Not miscible
Evaporation rate:	Not determined

10. Stability and Reactivity

Reactivity:

Stable under normal conditions.

Chemical stability:

N- nitrous amine (a potent carcinogen) may be formed when material comes in contact with nitrous acid, nitrites or atmosphere with high nitrous oxide concentrations.

Possibility of hazardous reactions:

Stable

Conditions to avoid:

Organic acids (acetic acid, citric acid), mineral acids. Will corrode copper, aluminum, zinc, and galvanized surfaces. Incompatible with bases, oxidizing agents, sodium hypochlorite. Will react with peroxides which will cause violent decomposition.

Incompatible materials:

Strong oxidizing agents

Hazardous decomposition products:

Oxides of carbon, water, nitrogen oxides and organic compounds of unknown structures. Do not breathe smoke or fumes.

11. Toxicological Information

Primary routes of exposure:

Respiratory, eyes, skin. Ingestion is not likely but might cause gastric disturbances.

Acute Toxicity / Effects

Acute toxicity: (compiled based on the data supplied by supplier) Actual product was not tested.

May cause headache, skin rash, central nervous system depression.

Acute oral effects: > 2000 mg / kg, rat

Acute dermal toxicity: LD50: > 2,000 mg/kg, rabbit

Inhalation: Inhalation of aerosols of a chemically similar material resulted in the death of rats during administration and in transient central nervous system symptoms including lethargy, ataxia, tremors and convulsions.

Sensitization: May cause sensitization upon skin contact. Sensitization has occurred in laboratory animals after repeated exposures.

Skin: irritant

Eyes: irritant

Chronic Toxicity Effects Actual product was not tested.

Repeated dose toxicity:

Ocular irritation tests with rabbits did not result in any animal deaths.

<u>Genetic toxicity:</u>	No data available
<u>Carcinogenicity:</u>	No data available
<u>Reproductive toxicity:</u>	No data available
<u>Teratogenicity:</u>	No data available
<u>Mutagenicity</u>	No data available

12. Ecological Information

Aquatic Toxicity: No data available

Toxicity to other organisms: No data available

Bioaccumulation: No data available

Mobility: No data available

13. Disposal Considerations

Abide by all State, federal and local regulations

14. Transport Information

Proper Shipping name: None

D.O.T. Hazard Classification: None

D.O.T. Identification no.: None

D.O.T Packaging Group: None

D.O.T Labels required: None

D.O.T. Placards required (CFR 172.504) : None

Bill of Lading Description: **Adhesive, cement, NOI**

15. Regulatory Information:

Federal Regulations

Registration status:

TSCA: Chemicals contained in the product are either listed or exempt in the U.S. EPA TSCA inventory list.

SARA Title III, Section 312 Hazard Class: Acute Health Hazard

EPA SARA Title III Section 313: None

State regulations:

CA Prop 65: none

16. Other Information

SDS prepared by: W.F.Taylor LLC SDS group

SDS prepared on: May, 22, 2015

W.F. Taylor LLC believes the data set forth herein are accurate as of the date hereof. Taylor makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.