



MATERIAL SAFETY DATA SHEET

PAGE #: 1 OF 5

PRODUCT NAME: Vinyl-Acrylic Emulsion Polymer

MSDS NUMBER: #340 A

PRODUCT CODE: Vinyl-Acrylic Emulsion Polymer

MSDS DATE: 03/01/2011

KEY NUMBER: #340 A

EMERGENCY PHONE #'s: 1-800-424-9300 CHEMTREC (For Emergencies)

GOLDSTAR ASPHALT PRODUCTS

1354 JET WAY PERRIS CA. 92751

888-770-7325

WWW.GOLDSTARASPHALT.COM

HEALTH

1

Slightly Hazardous

FIRE

0

Will Not Burn

REACTIVITY

0

Stable

SPECIFIC

1. IDENTIFICATION

See Addendum:

Ref. PAGE:

Chemical Name: Vinyl-Acrylic Emulsion Polymer

Chemical Family: COPOLYMER

CAS #: Vinyl Acetate 108-05-4

Chemical Formula: TRADE SECRET

CAS Name: Vinyl Acetate 108-05-4

Molecular Weight: TRADE SECRET

Synonyms / Common Name: Pavement Additive

DOT Information: D.O.T. HAZARD CLASS: Non-Hazardous

2. PHYSICAL DATA

See Addendum:

Ref. PAGE:

Appearance: WHITE OR LIGHT BLUE OR

Color: WHITE OR LIGHT BLUE OR

State: STABLE / MILKY

Odor Characteristics: SWEET

pH: 4.5-5.5

Viscosity: NOT TESTED

Specific Gravity (Water = 1): 1.0 - 1.2 (Water = 1)

Vapor Density (Air = 1): SAME AS H 20 (WATER)

Vapor Pressure: SAME AS H 20 (WATER)

Melting Point: 0 / C

Boiling Point: 100 C @ 760 mm Hg

Flash Point: NONE

Freezing Point: 0 C / 32 F Water

Percent Volatility: WATER < 30 % @ 21 C @ 760 mm

Evaporation Rate (BAC = 1): 2%

Solubility in Water: YES

Solubility in Oil: NO

Solubility in Acetone: NO

3. INGREDIENTS

See Addendum:

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Material / Components	CAS #:	CAS Name	TLV Units	Approx. %
Vinyl Acetate 108-05-4 10 ppm 10 ppm 15 ppm 0.2%/w	Vinyl Acetate			
COLOR	1333-86-4	PIGMENT	N/A	3%
HAPPY COW LATEX 3 TYPE / POLYMERS	TRADE	TRADE SECRET	N/A	50%
FILLER	14808-60-7	SOLIDS FILLER	N/A	15%
SLIP MIX	TRADE	SLURRY FORM	N/A	15%

4. FIRE AND EXPLOSION HAZARD DATA

See Addendum:

Ref. PAGE:

Flash Point: NONE

Flammable Limits Lower N/A
in Air % by volume: Upper

Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material. Exercise care when using water as contact with hot asphalt products may produce steam and violent foaming.

Special Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons, and possible small quantities of hydrogen sul

Unusual Fire & Explosion Hazards: Product is an aqueous solution. Heated product may produce hazardous fumes, decomposition products or residues. Small quantities of hydrogen sulfide may be released upon heating.

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5. HEALTH HAZARD DATA See Addendum:

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Threshold Limit Value:

Effects of Overexposure:

Inhalation: Avoid breathing vapors or mists. Prolonged or excessive inhalation may cause respiratory tract irritation.**Skin Contact:** Avoid prolonged or repeated contact with skin. Prolonged or repeated contact may irritate the skin and cause a skin rash (dermatitis).**Eye Contact:** Direct contact may cause eye irritation. Exposure to vapors, fumes, or mists may cause irritation. Contact with heated material may cause eye burns and permanent tissue damage.**Ingestion:** Substance may be harmful if swallowed. Irritating to mouth, throat, and stomach.**Delayed Effects:** SEEK MEDICAL ATTENTION CALL 911**Medical Conditions Aggravated by Exposure:** Disorders of the kidney, liver, skin and respiratory system.**6. FIRST AID MEASURES** See Addendum:

PAGE #:

Inhalation: At elevated temperatures may cause irritation of the eyes and respiratory tract. Although this product is not known to cause respiratory problems, if breathing is difficult, safely remove victim to fresh air and provide oxygen. Get**Skin Contact:** Wash skin with soap and water. Wear protective gloves to minimize skin contamination. For hot material exposure, DO NOT attempt to remove solidified material from the skin. DO NOT attempt to dissolve with solvents or thinners.**Eye Contact:** Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists. Burns due to contact with heated material require immediate medical attention.**Ingestion:** Get immediate medical attention. Do not induce vomiting due to danger of aspirating liquid into lungs. Gastric lavage may be required.**NOTES TO PHYSICIAN:** THIS PRODUCT IS ASPHALT SEALER, IT IS COLD APPLIED. THIS PRODUCT DOES NOT HAVE ESTABLISHED EXPOSURE LIMITS.**7. REACTIVITY DATA** See Addendum:

PAGE #:

Stability: YES AT AMBIENT TEMPERATURE**Incompatibility:** OXIDIZING AGENTS, SOLVENTS.
(materials to avoid)**Hazardous Combustion or Decomposition Products:** WILL NOT OCCUR**Hazardous Polymerization:** WILL NOT OCCUR**Conditions to Avoid:** EXTREME TEMPERATURES**8. SPILL OR LEAK PROCEDURES** See Addendum:

PAGE #:

Actions to take for Leaks & Spills: STOP LEAK AT ONCE. DAM AREA WITH SOILS OR SAND OR EARTH. PUMP ANY POOLED PRODUCT INTO BARRELS OR A TANK. CLEAN AREA BY HAND. (NO WATER) USE ALL SAFETY MEASURES WHEN HANDLING PRODUCT.**Waste Disposal Method:** SPREAD PRODUCT ON LEVEL GROUND, WHEN FULLY DREID MIX INTO BROKEN ASPHALT AND RECYCLE, WITH APPROVAL FROM LAND FILL. NEVER ALLOW PRODUCT TO ENTER WASTE WATER FACILITIES.

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9. SPECIAL PROTECTION INFORMATION

See Addendum:

Ref. PAGE:

Respiratory Protection: When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

Eye Protection: Where contact with this material is likely, eye protection is recommended.

Skin Protection: Selection of specific items such as gloves, boots, apron, or full-body suit will depend on operation and potential exposure.

Other Clothing: USE SUN SCREEN WHEN WORKING IN DIRECT SUN LIGHT.

Other Equipment: WEAR AN APPROVED NIOSH/MSHA RESPIRATORY WHEN AN AIRBORN EXPOSURE OF EXCESS LIMITS

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower, and a first aid station.

10. HANDLING AND STORAGE

See Addendum:

Ref. PAGE:

Special Precautions: Use protective clothing impervious to this material.

Other Precautions: NEVER ENTER INTO A MIXING TANK.

11. REGULATORY INFORMATION

See Addendum:

Ref. PAGE:

Workplace Classification: STABLE

12. TOXICOLOGICAL INFORMATION

See Addendum:

Ref. PAGE:

Acute Data: Irritating, and may injure eye tissue if not removed promptly.

**Reproductive /
Teratology Data** NOT TESTED

13. ECOLOGICAL INFORMATION

See Addendum:

Ref. PAGE:

Fate in the Environment: This material should be prevented from uncontrolled applications to soil or earth. This material is a water pollutant and should be prevented from entering storm water, sewage drainage systems and bodies of water.

14. DISPOSAL CONDITIONS

See Addendum:

Ref. PAGE:

Procedures: TREAT PRODUCT AS WASTE. SEE LOCAL/STATE LAWS IN DISPOSAL OF PRODUCT. USER IS RESPONSIBLE FOR DISPOSAL.

15. TRANSPORTATION INFORMATION

See Addendum:

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DOT Classification: D.O.T. SHIPPING NAME: Non Regulated, Water Based Asphalt Emulsion Sealer
D.O.T. HAZARD CLASS: Non-Hazardous

Warning Labels: REGULATORY INFORMATION

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16. OTHER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of GSA. The data on this sheet are related only to the specific material designated herein. GSA. assumes no legal responsibility for use or reliance upon these data. Product is sold as is where is NO WARRANTY.

Use: Product to be added to a slurry seal product 2.5% of gross product weight. Dilute product to manufactures specs, then add #340 A, very slow to diluted mix, add up to 2-12 lbs per gallon of product to meet field condition.

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ADDENDUM for Section - 3. INGREDIENTS - Ref. Pg. 1

WATER CAS # 7732-18-5
SILICA CAS # 6170-53-2
EMULSIFER TRADE SECRET

ADDENDUM for Section -

ADDENDUM for Section -