



SAFETY DATA SHEET

PRODUCT NUMBER: AP404
ISSUE DATE: 6/8/2015

1. IDENTIFICATION OF PRODUCT AND SUPPLIER

Product Name: AP404
Chemical Description: Liquid Adhesive

Supplier:

L.D. Davis Industries
1725 The Fairway
Jenkintown, PA 19046
Phone: (704) 289-4551
Fax: (704) 296-9261
Contact: Safety Data Sheet Coordinator

Emergency Telephone Number: Chemtrec: (800) 424-9300

2. HAZARDS IDENTIFICATION EMERGENCY OVERVIEW

General

Not considered as hazardous.
Color: Blue
Some odor

Eye

Slight/mild irritant

Skin Contact

Repeated or prolonged skin contact may result in mild irritation

Inhalation

Vapor or aerosol, if generated, can cause irritation of the eyes, nose and respiratory tract

Ingestion

Ingestion may cause irritation of the gastrointestinal tract

3. INFORMATION ON INGREDIENTS

Water based polymer emulsion

Component	CAS Number	Concentration (% by weight)
Aqua Ammonia	1336-21-6	<1%

None classified as hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200)

4. FIRST AID MEASURES

Eye Contact

Irrigate with eyewash solution or clean water until pain is relieved. Obtain medical attention.

Skin Contact

Wash skin with soap and water. If symptoms develop, obtain medical attention.

Inhalation

Remove to fresh air. Get medical attention if irritation persists.

Ingestion

Treat symptomatically and supportively. Get medical attention, DO NOT attempt to give anything by mouth to an unconscious person.

5. FIREFIGHTING MEASURES

Autoignition: Not available

Flashpoint: >212°F

Extinguishing Media

Water spray or fog
CO2
Dry chemical
Foam

Special Firefighting Procedures

Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Fire & Explosion Hazards

This is a water-based product and presents no particular fire or explosion hazard. Dry polymer film will burn. Product contains low level of organic volatiles which may be emitted at elevated temperatures.

Hazardous Combustion Products

Carbon monoxide, carbon dioxide, unknown hydrocarbons.

Lower Explosion Limit (%)

Not applicable

Upper Explosion Limit (%)

Not applicable

6. ACCIDENTAL RELEASE MEASURES

Spill And Leak Procedures

Absorb spillages onto sand, earth or any suitable absorbent material. Sweep up and shovel into waste drums. Wash the spillage area with water. Washings must be prevented from entering surface water drains. Disposal should be in accordance with local, state and national legislation.

For safety and environmental precautions, please review entire Safety Data Sheet for necessary information.

7. HANDLING AND STORAGE

Storage Temperature: 40 - 100°F

Avoid extreme temperatures. Protect from freezing. This material should not be spilled, discharged or flushed into sewers or public waterways. Product contains low level of organic volatiles which could accumulate in the unvented headspace of drums or bulk storage vessels. Open drums in well ventilated areas. Avoid breathing vapors.

Sensitivity To Static Electricity

None

Sensitivity To Mechanical Impact

None

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Ventilation Requirements

None required if good ventilation is maintained.

Eye Protection Requirements

Wear safety glasses with side shields. Protect against splashing

Glove Requirements

The use of chemically resistant gloves is recommended.

Clothing Requirements

Uniforms, coveralls, or a lab coat should be worn. Rubber boots and apron if exposure is severe.

Change/Removal Of Clothing

Remove contaminated clothing and launder before reuse

Wash Requirements

Wash before eating, drinking, or using toilet facilities.

Respirator Requirements

None required under normal handling conditions. Use NIOSH approved respirator if vapor or mist levels are irritating.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid

Color: Blue

Odor: Slight Odor

pH As Is: Approximately 9.5 – 10.5

Boiling Point: >212°F

Melting / Freezing Point: 32°F

Solubility In Water: Miscible

Specific Gravity: Approximately 0.97

% Non Volatiles: Approximately 62+/- 1.5%/wt

10. STABILITY AND REACTIVITY**Stability**

Stable

Materials to Avoid

Strong oxidizers, materials that react with water.

Hazardous Polymerization Conditions

Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION**Route Of Entry**

Eye contact; skin contact; inhalation; ingestion

Carcinogen Component

There is no evidence that this product poses a carcinogenic risk under normal conditions of handling and use.

IRAC (group) NTP**OSHA Substance Specific Regulation****Product Toxicology Product Information**

Unlikely to cause harmful effects under recommended conditions of handling and use.

Acute (Short Term) Effects Of Exposure Chronic (Long Term Term) Effects Of Exposure Effects Of Chronic Exposure

The toxicological properties of this product have not been fully evaluated. Use of good industrial hygiene practices is required. Avoid direct contact with skin or eyes. Do not inject or inhale.

Target Organs

Not applicable

12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data is available

Environmental Fate

No data is available

13. DISPOSAL CONSIDERATIONS

To the best of our ability, this product does not meet the definition of hazardous waste under US EPA Hazardous Waste Regulations 40CFR261. Disposal via at an approved facility is recommended. Consult state, local or provincial authorities for more restrictive requirements.

14. TRANSPORT INFORMATION

Consult Bill of Lading for transportation information.

DOT

Not Regulated

ATA

Not Regulated

15. REGULATORY INFORMATION

TSCA Inventory Status and TSCA Information

This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory.

TSCA 12 (B) Export Notification

This material does not contain any TSCA 12 (b) regulated chemicals.

CERCLA Regulated Chemicals

This material does not contain any CERCLA regulated chemicals.

SARA 302 EHS Chemicals

This material does not contain any SARA extremely hazardous substances.

SARA 311/312 Hazard Class

This product does not present any SARA 311/312 hazards.

SARA 313 Chemicals

This material does not contain any SARA 313 chemical above de minimum levels.

16. OTHER INFORMATION

HMIS® Hazard Ratings

Health

1

Flammability

0

Reactivity

0

Prepared By: SDS Coordinator

The information in this Safety Data Sheet is believed to be reliable, but is provided without warranty regarding its accuracy. It is the user's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes. Users must determine safe conditions for use and assume liability for any loss, injury, damage, patent / copyright infringement or expense resulting from use of this product

SAFETY DATA SHEET

Self Sealing Bill Straps

SDS NUMBER: S28
Revision: 2
Prepared: 5/28/2015
Reason for revision: Update to SDS Format

No. Pages: 6

01 PRODUCT AND COMPANY IDENTIFICATION

Product Name: ECO-PRIDE BLENDING INKS (Drier Free)
Product Code: Various (see last page)
Recommended Use: Printing Ink: Offset
Manufacturer: Braden Sutphin Ink Company
Address: 3650 East 93rd Street, Cleveland, OH 44105
Phone: (216) 271-2300
Fax: (216) 271-1080
Initials of Country: U.S.A.

02 HAZARDS IDENTIFICATION

GHS Classification:

Skin Corrosion / Irritation Category 2
Serious Eye Damage/Irritation Category 2B

APPEARANCE AND ODOR: COLORED PASTE, OILY SMELL

SIGNAL WORD: **WARNING**

HAZARD PICTOGRAMS AND STATEMENTS:



PHYSICAL HAZARDS

H315 Causes Skin Irritation

H320 Causes eye irritation

PRECAUTIONARY STATEMENTS

PREVENTION

P264 Wash hands thoroughly after handling

P280 Wear protective gloves/protective clothing/eye prevention/face protection.

RESPONSE

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

STORAGE:

Not applicable

03. COMPOSITION/INFORMATION ON INGREDIENTS

For Mixtures:

Chemical Name	Cas No. and other unique identifiers	Concentration
Pig Red 53*	15585-1	30-33%
* In R100		

04. FIRST AID MEASURES

<i>Inhalation:</i>	Allow the victim to rest in a well ventilated area. Consult a doctor if the victim continues to feel unwell.
<i>Skin contact:</i>	If in contact with skin, wash immediately with plenty of soap and water. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
<i>Eye contact:</i>	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
<i>Ingestion:</i>	If appreciable quantities have been swallowed, seek medical attention. Do not induce vomiting.

05. FIRE FIGHTING MEASURES

<i>Flashpoint:</i>	None
<i>Auto ignition:</i>	Will not occur
<i>LEL:</i>	N/A
<i>UEL:</i>	N/A
<i>Flammable Limits</i>	N/A
<i>Extinguishing Media:</i>	Water spray, foam or dry chemical
<i>Unusual Fire/Explosion Hazards:</i>	Dense smoke may be generated when burning. Carbon monoxide, carbon dioxide and other oxides may be generated as products of combustion.
<i>Hazardous Combustion Products:</i>	Hydrocarbons, carbon monoxide (CO), soot, smoke.
FIRE FIGHTING EQUIPMENT:	Firefighters and others who are exposed should wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

06. ACCIDENTAL RELEASE MEASURES

<i>Personal Precautions:</i>	Use personal protection recommended in Section 8.
<i>Environmental Precautions:</i>	Keep out of drains and water courses.
<i>Small Spills:</i>	Absorb small spills with an inert material and then place in a chemical waste container. Refer to section 13 for disposal information and Sections 14 and 15 for reportable quantity information.
<i>Large Spills:</i>	Contain large spills with dikes and transfer the material to appropriate containers for reclamation or disposal. Absorb remaining material with an inert material such as sand. Clean spill area with detergent.

07. HANDLING AND STORAGE

<i>Handling Precautions:</i>	Wear all appropriate Personal Protective Equipment (PPE). Use the product in a manner which minimizes splashes. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Use with adequate ventilation. Wash exposed skin thoroughly after handling.
<i>Storage Requirements:</i>	Containers should be stored away from heat. Keep containers tightly closed and in a dry place.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

<i>Engineering Controls:</i>	Safety showers, eyewash station and adequate ventilation.
<i>Exposure Guidelines:</i>	No specific occupational exposure limit has been established.
<i>Eye Protection:</i>	Safety glasses are recommended. Have eye flushing equipment available.
<i>Hand Protection:</i>	Use of gloves or barrier cream recommended. Do not apply barrier cream after exposure. Consult the glove/clothing manufacturer to determine the appropriate type of glove or clothing for use with this material in your specific application.
<i>Body Protection:</i>	Wash contaminated skin thoroughly and promptly with mild soap and water. Do not use solvents, as these can penetrate the skin and cause irritation. Launder contaminated clothing and clean protective equipment before reuse.
<i>Respiratory Protection:</i>	Avoid breathing vapor or mist. Lack of local mechanical exhaust ventilation at point of use may require the use of respirators.

09. PHYSICAL AND CHEMICAL PROPERTIES

<i>Physical State:</i>	Thick, tacky liquid
<i>pH Value:</i>	Not determined
<i>Boiling Range:</i>	> 300 F
<i>Vapor Pressure (mmHg):</i>	Not determined
<i>Vapor Density:</i>	Heavier than air
<i>Flash Point:</i>	> 200 F
<i>Specific Gravity (color dependent):</i>	Varies by color see section 16 for details
<i>LBS. VOC/Gallon of Ink::</i>	Varies by color see section 16 for details
<i>% VOC (WT):</i>	Varies by color see section 16 for details

10. STABILITY AND REACTIVITY

<i>Reactivity:</i>	Stable
<i>Chemical stability:</i>	Stable
<i>Possibility of hazardous reactions:</i>	No hazardous reactions when stored and handled according to instructions. This product is chemically stable.
<i>Conditions to avoid:</i>	No specific data.

Incompatibilities: No specific data.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Acute effects of exposure:

Inhalation: *The inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.*

Ingestion: *Irritating to the mouth, throat and stomach.*

Skin contact: *Avoid skin contact. Slight to moderate irritant. May cause allergic reaction.*

Eye contact: *May cause serious eye irritation.*

Chronic effects: *Causes damage to organs through prolonged or repeated exposure.*

Numerical measures of toxicity: *Not determined.*

Carcinogenicity: *Not a carcinogen by IARC, NTP or OSHA.*

12. ECOLOGICAL INFORMATION

Ecotoxicity: *No data available*

Persistence and degradability: *No data available*

Bioaccumulative potential: *No data available*

Mobility in soil: *No data available*

Other adverse effects: *No data available*

13. DISPOSAL CONSIDERATIONS

US EPA RCRA STATUS: This material, when discarded, is not a hazardous waste as that term is defined by the Resource, Conservation, and Recovery Act (RCRA), 40 CFR 261.

DISPOSAL CONSIDERATIONS: Dispose in accordance with federal, state, and local regulations.

MISCELLANEOUS ADVICE: This material and its container must be disposed of in a safe way. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA. Dispose of through a licensed facility.

14. TRANSPORT INFORMATION

Not regulated as a hazardous material by the U.S. Dept. of Transportation (DOT) 49 CFR 172.

Additional information: Not regulated by IATA or IMDG.

15. REGULATORY INFORMATION

EPA TSCA Inventory: The chemical compounds of this product are contained on the Section 8(B) Chemical Substance Inventory List (40CFR710). Yes

This product contains the following components that are listed by IARC as possibly carcinogenic to humans (Group 2B):

-- Not regulated

OSHA (29 CFR 1910.1200 Appendix A) Classification:

-- Not regulated

US EPA RCRA Status: This product contains the following ingredients that are classified as hazardous wastes as this term is defined by the Resource, Conservation, and Recovery Act (RCRA), 40 CFR 261:

-- Not regulated

SARA Section 302 (40 CFR 255) Extremely Hazardous Substances: The following components are listed as extremely hazardous substances under SARA Section 302:

-- Not regulated

Clean Air Act S112 Hazardous Air Pollutants (HAPS):

-- Not regulated

Pursuant to Section 311/312 of Sara Title III, the physical and health hazards categories for this product are identified below:

-- Not regulated

Fire Hazard: No

Sudden release of pressure: No

Reactive hazard: No

Immediate (Acute) health hazard: Yes

Delayed (Chronic) health hazard: No

California Proposition 65:

Yes

This product contains trace levels of a component or components known to the state of California to cause birth defects or other reproductive harm.

Bisphenol A CAS# 80-05-7 <50ppm
Formaldehyde CAS# 50-00-0 <500ppm
Naphthalene CAS# 92-30-3 <50ppm

16. OTHER INFORMATION

Item Code	Voc %	VOC - Wt Gal/Lb	Wt. Gal
W110 Trans White	1.12	0.09	8.103
Y110 Yellow	0.65	0.06	8.741
Y111 012 Yellow	0.96	0.08	8.682
R110 Warm Red	1.93	0.16	8.293
R111 Rubine	2.10	0.18	8.578
R112 Rhodamine	1.52	0.14	9.046
R113 021 Orange	0.62	0.06	8.926
R114 032 Red	6.27	0.54	8.679
R115 GOE Pink	1.47	0.13	8.947
R116 Y/S 2B Red	0.50	0.04	8.246
B110 Pro Blue	2.08	0.18	8.503
B111 Reflex Blue	1.68	0.15	8.840
P110 Violet	3.5	0.31	8.774
P111 Purple	1.72	0.15	8.545
P112 Med Purple	2.95	0.25	8.513
G110 Green	1.72	0.15	8.502
K110 Neutral Black	1.37	0.13	9.657

A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if or where precautions (in addition to those described herein) are required. Any health hazard and safety information contained herein should be passed on to your employees.

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