

1013 52086

4/25 5/4/05

KS. 5-5-05

WEV-C0543

PRODUCT NUMBER 32-767A

Print date: 08-April-2005

National Starch & Chemical
A member of the ICI Group

GE Seal

*** MATERIAL SAFETY DATA SHEET ***

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER 32-767A
 PRODUCT NAME SERIES 767 @ 32-767A
 liquid adhesive
 Manufacturer National Starch & Chemical Company
 Adhesives Division
 P.O. Box 6500, 10 Finderne Avenue
 Bridgewater, NJ 08807
 USA
 EMERGENCY PHONES:
 MEDICAL: 866-359-5657 (Health & Safety Call Center-24 hours)
 TRANSPORT: CHEMTREC: 800-424-9300 (24 hours)
 CHEMTREC International: 703-527-3887 (call collect)
 Corporate Emergency Phone: 908-685-5100 (24 hours)
 MSDS Requests/Customer Service: See phone numbers in Section 16

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL FAMILY COMPONENT	Water Solution of Soluble Polymers CAS NUMBER	CONCENTRATION (% by weight)
Vinyl acetate	108-05-4	0.1 - 1

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION.
Amber Liquid Dextrin odor

EYE	Slight/mild irritant.
SKIN CONTACT	Repeated or prolonged skin contact may result in mild irritation.
INHALATION	Vapor may be irritant to the respiratory tract.
INGESTION	Ingestion may cause irritation of the gastrointestinal tract. Low oral toxicity.

4. FIRST-AID MEASURES

EYE
Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.

(3)

PRODUCT NUMBER 32-767A

Vinyl acetate

10 ppm TWA
15 ppm STEL

Print date: 08-April-2005

VENTILATION REQUIREMENTS

Provide local exhaust ventilation system to meet published exposure limits.

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.

CHANGE/REMOVAL OF CLOTHING

Rubber boots and apron if exposure is severe.

WASH REQUIREMENTS

Remove contaminated clothing and launder before reuse.

RESPIRATOR REQUIREMENTSWash before eating, drinking, or using toilet facilities.
None required under normal handling conditions. Use NIOSH approved respirator if vapor or mist levels are irritating.**9. PHYSICAL AND CHEMICAL PROPERTIES**

PURE SUBSTANCE OR MIXTURE	Mixture
PHYSICAL FORM	Liquid
COLOR	Amber
ODOR	Dextrin
ODOR THRESHOLD	Not available
PH AS IS	Approximately 3
pH IN (1%) SOLUTION	Not applicable
OXIDIZING PROPERTIES	Not applicable
BOILING POINT	> 212 °F
MELTING/FREEZING POINT	Approximately 32 °F
SOLUBILITY IN WATER	Miscible
PARTITION COEFFICIENT (n-octanol/water)	Not applicable
SPECIFIC GRAVITY (WATER=1)	1.2125
BULK DENSITY	10.1 lb/gal
EVAPORATION RATE	1 (Water = 1)
VAPOR PRESSURE (mmHg)	17.5 @ 20°C
VAPOR DENSITY (air = 1)	> 1.0
VOLATILES	Approximately 30 %/wt
VOLATILE ORGANIC COMPOUNDS	Estimated to be 0.035 lb/gal
AUTOIGNITION	Not available
FLASH POINT	> 212 °F

10. STABILITY AND REACTIVITY**STABILITY****STABILITY DETAIL**

Stable

Product contains low level of organic volatiles which may be emitted or released in application processes involving the use of heat. Vent all ovens and process vessels to the outside atmosphere.

CONDITIONS TO AVOID

Avoid high temperatures, high alkalinity, oxidizing substances.

5

PRODUCT NUMBER 32-767A

Print date: 08-April-2005

14. TRANSPORTATION INFORMATION

This section provided for general information only.
FOR NON-BULK SHIPMENTS.

FOR MORE COMPLETE TRANSPORTATION REGULATORY INFORMATION PLEASE REFER TO THE SHIPPING DOCUMENTS ACCOMPANYING THE SHIPMENT OF THIS PRODUCT.

DOT CLASSIFICATION Not applicable.

The information provided herein may not include the impact of additional regulatory requirements (eg, for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/of marine pollutants under CWA or other similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

15. REGULATORY INFORMATION

USA
TSCA

This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S.C. 2601 et. seq.

SARA/TITLE III

CAS NUMBER

CONCENTRATION

Vinyl acetate

108-05-4

(% by weight)
0.33966

CALIFORNIA PROPOSITION 65

WARNING: This product contains the following chemicals that are known to the State of California to cause cancer, birth defects or other reproductive harm.

Unless a concentration is specified in Section 2 of the MSDS, the below chemical/s are present in trace amounts.

COMPONENT

CAS NUMBER

Acetaldehyde

75-07-0

Propylene oxide

75-56-9

Ethylene oxide

75-21-8

1,4-Dioxane

123-91-1

16. OTHER INFORMATION

HMIS® Hazard Ratings

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs by OSHA's 29 CFR 1910.1200, we choose to provide them as a service to our customers using HMIS®. These ratings are to be used only with a fully implemented HMIS® program. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

NPCA recommends that employers must determine appropriate PPE for the actual conditions under which this product is used in their workplace. For information on PPE codes, consult the HMIS® Implementation Manual.

HMIS® is a registered trademark of the National Paint and Coatings Association (NPCA).