

EAM Corporation

SAFETY DATA SHEET

NovaZorb

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Date Prepared: July 20, 2010
MSDS No.: 001

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: NovaZorb
Product Description: White fibrous web
Synonyms: Engineered Absorbent Material; EAM
Chemical Family: Mixture of cellulose tissue, adhesive and polyacrylate
Chemical Formula: n/a

MANUFACTURER:

EAM Corporation
2075 Sunset Blvd
Jesup, GA 31546
(912) 588-2600

EMERGENCY TELEPHONE NUMBERS

Health and (912) 588-2600 / 2621
Transportation
CHEMTREC* (800) 424-9300

*Transportation emergencies only

2. COMPOSITION/INFORMATION ON INGREDIENTS

	<u>Wt. %</u>	<u>CAS Registry No.</u>
Hot Melt Adhesive	3 - 5	N/A
Sodium Polyacrylate	30 - 70	9003-04-07
Cellulose Tissue	26 - 60	9004-34-6

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3. POTENTIAL HEALTH EFFECTS:

ACUTE:	Inhalation may cause mild irritation of upper respiratory tract and lungs. Hot melt adhesive vapors may have an offensive odor that may cause headaches, nausea, and vomiting.
CHRONIC:	Long-term (2 year) inhalation exposure by rats to sodium polyacrylate that had been micronized to a respirable particle size (less than 10 microns) produced non-specific inflammation and chronic lung injury at 0.2mg/M ³ and 0.8mg/M ³ . At 0.8mg/M ³ , tumors were seen in some animals. In the absence of chronic inflammation, tumors are not expected. There were no adverse effects of any kind at 0.05mg/M ³ .
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	May aggravate existing respiratory conditions; may also aggravate existing skin conditions due to drying effect.
ROUTES OF ENTRY:	Inhalation; ingestion
EXPOSURE LIMITS:	OSHA PEL: PEL for respirable fraction of nuisance dust is 5mg/M ³ . ACGIH TLV: TLV for respirable particulate, not otherwise classified, is 3mg/M ³ .

4. FIRST AID MEASURES

INHALATION:	Remove to fresh air. If persistent irritation, coughing or breathing difficulties occur, get medical attention.
EYE CONTACT:	Flush with water. If irritation persists or flushing is inadequate, get medical attention.

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4. FIRST AID MEASURES (cont'd)

SKIN CONTACT: Wash skin with mild soap and water. If a rash, persistent irritation or dermatitis occur, get medical attention.

INGESTION: Get medical attention if any related symptoms occur after accidental ingestion.

5. FIRE & EXPLOSION HAZARD DATA

FLASHPOINT: Hot melt adhesive > 204 C (400 F) Cleveland Closed Cup

FLAMMABLE / EXPLOSIVE LIMITS IN AIR: LEL = n/a
UEL = n/a

FIRE FIGHTING INSTRUCTIONS: Extinguish with water stream, fog, dry chemical or other agents suitable for Class A fires.

FIRE FIGHTING EQUIPMENT: No special equipment required other than for protection from smoke inhalation.

6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES Recover spilled material for reuse or proper disposal.

WASTE DISPOSAL METHODS Recycle or dispose of as a non-hazardous, solid waste in accordance with local regulations and requirements.

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7. SPECIAL PRECAUTIONS

HANDLING & STORAGE: Store at normal room temperature and conditions in a dry location.

OTHER PRECAUTIONS: Ensure bulk quantities are adequately secured. Handle and store away from ignition sources.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE PROTECTION: As required if dusting occurs.

SKIN PROTECTION: Gloves as may be needed to protect sensitive individuals or damaged skin.

RESPIRATORY PROTECTION: NIOSH approved for particulate as needed to avoid overexposures to product dust.

OTHER PERSONAL PROTECTION: None.

VENTILATION: Local exhaust as needed to control below PEL.

WORK / HYGIENE PRACTICES: Avoid creation of dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

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9. PHYSICAL AND CHEMICAL PROPERTIES (cont'd)

SPECIFIC GRAVITY: (water = 1)	<1
BOILING POINT	N/A
pH:	Less than 7.
POLYMERIZATION:	Does not occur.
STABILITY:	Product is stable.
INCOMPATIBILITY:	Avoid strong oxidizing agents and ignition sources.

10. TOXICOLOGICAL INFORMATION

TARGET ORGANS:	Lungs from dust.
CARCINOGENICITY:	Not an OSHA, IARC or NTP carcinogen
MUTAGENICITY:	None known.
TERATOGENICITY:	N/A
SENSITIZER:	N/A
IRRITANT:	Exposure to product dust may cause respiratory irritation.

11. TRANSPORT INFORMATION

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No DOT identification number has been assigned to this product. No special labels are required.

12. REGULATORY INFORMATION

CERCLA:	This product is not listed as a hazardous substance under 40 CFR 302.4.
SARA TITLE III:	311 / 312 Hazardous Categories: None. 313 Reportable Ingredients: None.
TSCA:	This product or components of this product are listed on the TSCA Inventory.
OTHER:	We recommend that you contact local authorities to determine if there may be other local reporting requirements.
CALIFORNIA PROPOSITION 65:	Some chemical compounds listed by the State of California under Proposition 65 may naturally be present in this product. EAM Corporation is unaware of any universal analytical scheme that enables us to analyze this product for the presence or absence of all chemical compounds listed by the State of California. No testing has been done for Proposition 65 listed chemical compounds.

13. OTHER INFORMATION