

Vinyl Repair Kit for
Empathy Belly Kit

150 1796

4532.

SB43113 G ADULT
SB43112 G TEEN

VINYL REPAIR KIT



GREAT NORTHERN RESEARCH, INC. • (612) 379-9248
2901 S.E. 4th St. • Minneapolis, Minnesota 55414

7/22/2024: File reviewed. More current MSDS/SDS not available. CAS

MATERIAL SAFETY DATA

I. Product Information

Date 9/21/89

EMERGENCY ASSISTANCE

(612) 379-9248 or
(612) 755-3861

Tradename MIGHTY-BOND VINYL ADHESIVE and
WET-BOND VINYL ADHESIVE

Chemical Name and Synonyms

N/A
Chemical Family
KETONE SOLVENTS

CAS Registry No.

SEE BELOW FOR INDIVIDUAL INGREDIENTS

HMIS Hazard Rating

Least	0	(☉) Health	2
Slight	1	(☉) Flammable	3
Moderate	2	(☉) Reactivity	0
High	3		
Extreme	4		

II. Hazardous Ingredients

Principal Hazardous Components (Chemical And Common Names)

	CAS REG. NO.	%/WT APPROX.	TLV OSHA
SYNTHETIC RESINS	NON HAZARDOUS	14	N/A
METHYL ETHYL KETONE	78-93-3	84	200 ppm
CYCLOHEXANONE	108-94-1	2	200 ppm

III. Physical Data

Softening Point, R & B (°F/C) N/A

Specific Gravity (H₂O = 1) 0.89

Boiling Point (°F/C) 175°F

Solubility in Water GOOD

Appearance and Odor CLEAR LIQUID, THICK, WITH
ETHER LIKE ODOR

Percent Volatile (by Volume) 83%

Evaporation Rate (---) 2.3

Vapor Pressure (mm Hg) 82 mm/Hg @ 25°C

Vapor Density (Air = 1) 2.8

IV. Fire and Explosion Hazard Data

Flash Point, 21°F. Tag closed cup

Extinguishing Media Foam, dry chemical, CO₂

Special Fire Fighting Procedures Do not enter confined fire space without proper protective equipment including a NIOSH approved SCBA. Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire and Explosion Hazards

RESPIRATORY PROTECTION REQUIRED FOR FIRE FIGHTING PERSONNEL.

NA = Not Applicable

NDA = No Data Available

(Continued on Reverse Side)

MIGHTY BOND

V. Health Hazard Data

Threshold Limit Value 200 ppm (590 mg/m³) TWA

Signs and Symptoms of Exposure:

1. Acute Overexposure Vapor irritates eyes, nose and throat. Liquid may damage eye tissues.
2. Chronic Overexposure Headache, dizziness, skin dermatitis, anesthetic nature.

Medical Conditions Generally Aggravated by Exposure N/A

Primary Routes of Entry:

- | | |
|---|-----------------------------|
| 1. Oral LD ₅₀ 5 gm/kg (rat) | 4. Eye Irritation Irritant |
| 2. Dermal LD ₅₀ 3.2 gm/kg (rabbit) | 5. Skin Irritation Irritant |
| 3. Inhalation LD ₅₀ N/A | |

Chemical Used as Carcinogen or Potential Carcinogen

National Toxicology Program Yes No

I.A.R.C. Monographs Yes No

OSHA Yes No

OSHA Permissible Exposure Limit 200 ppm

ACGIH Threshold Limit Value 200 ppm

Other Exposure Limit Used N/A

Emergency and First Aid Procedures:

1. Inhalation Remove victim to fresh air and provide oxygen if breathing is difficult.
2. Eyes Flush eyes with copious quantities of water while holding eye lids open. If irritation persists, consult a physician.
3. Skin Wash skin with soap and water. Use emollient skin creams. If irritation persists, consult a physician.
4. Ingestion Do not induce vomiting. Get medical attention.

VI. Reactivity Data

Stability — Unstable Stable

Hazardous Polymerization — May Occur Will Not Occur

Conditions to Avoid

high heat, spark or open flames

Incompatibility (Materials to Avoid):

Strong Oxidizing Agents

Hazardous Decomposition Products

N/A

VII. Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled Eliminate all sources of ignition. Isolate the spill area and clean up with absorbent material. Flush area with water and collect the spill in a waste container for disposal.

Waste Disposal Recover any free liquid with suitable absorbent. Consult with state and local authorities for proper disposal procedure.

VIII. Special Protection Information

Respiratory Protection Where concentration in air exceed threshold limit, NIOSH APPROVED RESPIRANT

Ventilation Face velocity of 60 fpm (minimum) if used in confined spaces

Protective Gloves Chemical resistant gloves

Eye Protection Chemical splash goggles or face shield

Other Protective Equipment Usually not needed

IX. Special Precautions

Precautions to be Taken in Handling and Storing

- Keep container closed and store in a cool dry place. Keep away from heat, sparks and open flames

Other Precautions

All handling equipment should be electrically grounded

Walter Sorbunoy
WALTER SORBUNOY
Great Northern Research,
September 21, 1989


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The Empathy Belly® Pregnancy Simulator - Teen Version with Pregnancy Prevention DVD

The Empathy Belly® Pregnancy Simulator - Teen Version with Pregnancy Prevention DVD

**Product Number: SB43112H****Price: \$749.00**To check availability of this item, enter your **billing** zip code:
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Product Description

A specially designed, weighted vest that allows teen males and females to experience pregnancy firsthand and gain a realistic understanding of what it feels like to be pregnant. Developed by Birthways, Inc.

Over 20 symptoms and effects of pregnancy are felt including:

- Weight gain of 30-33 lbs.
- Pregnant profile - enlarged breasts and abdomen
- Pressure on bladder and other internal organs
- Postural changes of back and shift in center of gravity
- Mild fetal kicking "movements"
- Shortness of breath
- Increased body temperature and perspiration
- Awkwardness in body movements
- Change in personal and sexual self-image

Effects are simulated through the use of a rib belt and strategic positioning of various weighted components. In order for the "pregnant" belly to look and feel realistic (rounder) it needs more water in the vinyl bladder. This teaching model includes one main torso garment, two pregnant breast inserts, one rib belt, one vinyl belly bladder with 2-lb. weight, two 7-lb. insert weights, one 6-lb. bladder pouch, one maternity smock, one safety holding tray, one bottle water conditioner, **one vinyl repair kit**, one nylon tote carrying bag, an instructor's training manual and DVD, laminated flash card, 30 informed consent release forms, and a laminated color poster on the 3rd trimester of pregnancy. Fabric U.S.A. and imported.