

Material Safety Data Sheet

Revision date: 03/05/2018

1 Identification of the substance and of the company/undertaking

1.1 Product identifier:

Identification on the label/Trade name: WBG
Product code: WB03
Chemical name: Vinyl Repair Glue
Identification of the product: See section 3

1.2 Relevant identified uses of the substance and uses advised against:

1.2.1 Identified uses:

To repair all kinds of inflatable boats, air bed, swimming pool, tents, toys, etc.

1.2.2 Packaging:

Use on consumer commodity and are packaged in aluminum tube less than 120 grams(net weight) and sealed.

1.3 Details of the supplier of the safety data sheet:

Supplier(Manufacturer): WBG
Address: YUEYUN BUILDING,1001# SOUTH WENJIN ROAD.LUOHU DISTRICT,SHENZHEN 518000,CHINA
Contact info@wellbondgroup.com

1.4 Emergency telephone Number :

86 755-25400505

Available outside office hours?

YES

NO

2 Hazards Identification

2.1 Classification of the substance

2.1.1 Classification:

The substance is classified as following according to HazCom 2012/United States:

GHS	
Hazard classes/Hazard categories	Hazard statement
Flammable liquids, Category 2	Highly flammable liquid and vapour
Serious eye damage/eye irritation, Category 2A	Serious eye damage/eye irritation
Specific target organ toxicity, single exposure; Narcotic effects, Category 3	May cause drowsiness or dizziness

2.2 label elements

Hazard Pictograms:



Signal Word(S):

Danger

Hazard Statement:

Highly flammable liquid and vapour.
Causes serious eye irritation.
May cause drowsiness or dizziness.

Precautionary Statement Prevention:

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Keep container tightly closed.
Ground/Bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.

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Precautionary Response:	Statement	Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/eye protection/face protection IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER/doctor/if you feel unwell. If eye irritation persists: Get medical advice/attention.
Precautionary Storage:	Statement	In case of fire: Use dry chemical powder, carbon dioxide, or chemical foams. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.
Precautionary Disposal:	Statement	Dispose of contents/container in accordance with local regulation.

3 Composition/information on ingredients

Substance/Mixture: Mixture, adhesive containing flammable liquid.

Ingredient(s):

Chemical Name	CAS No.	EC No.	Concentration
Methyl Ethyl Ketone; Butanone	78-93-3	201-159-0	12-22%
Ethyl Acetate	141-78-6	205-500-4	30-50%
Methyl acetate	79-20-9	201-185-2	8-18%
Acetone	67-64-1	200-662-2	8-16%
Polyurethane	26680-22-8	N/A	12-18%

4 First aid measures

4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid immediately.

4.1.2 In case of skin contact:

Immediately wash skin with soap and plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if symptoms persist.

4.1.3 In case of eyes contact:

Remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

4.1.4 In case of ingestion:

If swallowed, avoid prolonged, do not induce vomiting and call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. May cause drowsiness or dizziness.

4.3 Indication of any immediate medical attention and special treatment needed

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Persons with pre-existing skin, eye, or respiratory disease may be at increased risk from the irritant or allergic properties of this material. Attending physician should treat exposed patients symptomatically.

5 Fire-Fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Use dry chemical powder, carbon dioxide, or chemical foams.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

Will burn if involved in a fire. May produce toxic fumes of carbon monoxide if burning.

Vapors may form an explosive mixture with air. Vapors can travel to source of ignition and flash back.

5.3 Advice for fire-fighters:

As in any fire, wear self-contained breathing apparatus pressure-demand. MSHA/NIOSH (approved or equivalent) and full protective gear.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Remove all sources of ignition. Keep unprotected persons away. Ensure adequate ventilation. Wear protective equipment, such as respirator, rubber gloves, goggles and protective clothing.

6.2 Environmental Precautions:

Do not allow material to be released to the environment without proper governmental permits.

6.3 Methods for Containment and Cleaning up:

Sprinkle absorbent compound onto spill, then sweep into a plastic or metal container. Wipe up residue with further paper towel and place in container. Wash spill area with soap and water. Steps to be taken in case material is released or spilled: Absorb with dry sand or other inert material, then transfer to suitable container should follow all regulation or an authorized waste collector in your country. Dispose of contaminated material as waste according to Section 13.

6.4 Additional information:

No special treatment.

7 Handling and storage

7.1 safe handling:

7.1.1 Protective measures:

Avoid breathing vapors. Avoid getting in eyes, skin, or clothing. Use only in well-ventilated area. Keep containers tightly sealed, do not expose container to heat or flame. Dissipate static electricity during transfer by grounding and bonding containers and equipments before transferring materials. Use working methods according to operating instructions. Operating Temperature: 10°C-40°C.

7.1.2 Advice on general occupational hygiene:

Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Storage:

This product is flammable. Storage Temperature: Max 40 °C, Min 5 °C and indoor. Keep away from sources of ignition, caustics and oxidizers, heat, spark and flame. -- No smoking. Store in cool, dry conditions in well sealed containers. Keep away from children. Store in a locked cabinet or with access restricted to technical experts or their assistants. The net weight of the package does not exceed 120g.

8 Exposure control/personal protection

8.1 Control parameters:

8.1.1 Occupational exposure limits:

CAS# 78-93-3: MAC (NL): 200 ppm; 590 mg/m³. MAK (DE): 200 ppm; 590 mg/m³. WEL (UK): 200 ppm; 590 mg/m³.

TWA (US OSHA): 200 ppm; STEL: 300 ppm. TWA (ACGIH): 200 ppm; STEL: 300 ppm.

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CAS# 67-64-1: MAC (Japan): 200 ppm; 470 mg/m³. MAC (NL): 750 ppm; 1780 mg/m³. MAK (DE): 1000 ppm; 2400 mg/m³.

TWA (US OSHA): 750 ppm; STEL: 1000 ppm. TWA (ACGIH): 750 ppm; STEL: 1000 ppm.

CAS# 141-78-6: MAC (NL): 550 mg/m³. WEL (DE): 400 ppm; 1400 mg/m³. TWA (UK): 200 ppm; STEL: 400 ppm.

TWA (US OSHA): 400 ppm. TWA (ACGIH): 400 ppm.

CAS# 79-20-9: TWA (UK): 200 ppm; STEL: 250 ppm. TWA (US OSHA): 200 ppm

8.1.2 Appropriate engineering controls:

Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits. The usual precautionary measures should be adhered to in handling the chemicals. Instantly remove any soiled and impregnated garments. Avoid contact with skin and eyes and the inhalation of vapor.

8.2 Personal protection :

Eye/face protection	Wear appropriate protective eyeglasses or chemical safety goggles.
Hand protection	Wear appropriate protective gloves to prevent hand exposure. Wash hands before breaks and at end of work
Body protection	Wear appropriate protective clothing to prevent skin contact. Change contaminated or soaked clothing.
Respiratory protection	Use breathing protection with high concentrations.
Thermal hazards	Wear suitable protective clothing to prevent heat.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance (physical state, shape, color, etc.):	Colorless to slightly yellow liquid
Odour:	Solvent odor
Odour threshold:	Not available
pH:	Not available
Melting point/range (°C):	-73.5°C
Boiling point/range (°C) :	70 ~ 80°C
Flash point (°C) :	-5°C
Evaporation rate:	Not available
Flammability (solid, gas):	Not available
Ignition temperature (°C) :	408°C
Upper/lower flammability/explosive limits:	1.2% - 7.5%
Vapour pressure:	Not available
Vapour density:	Not available
Relative Density:	Not available
Solubility (g/l) :	Insoluble in water, soluble in most organic solvents.
n-Octanol/Water (log Po/w) :	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity _{25°C} (mPa s) :	Not available
Explosive properties:	Not available
Oxidising properties:	Not available

9.2. Other information:

Surface tension:	Not available
Dissociation constant in water(pKa):	Not available
Specific Gravity:	0.75~ 0.85 (H ₂ O=1)

10 Stability and reactivity

10.1 Reactivity:

Stable under normal storage and handling conditions.

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10.2 Possibility of hazardous reactions:

No dangerous reactions known.

10.3 Conditions to avoid:

Incompatible materials. Temperatures over 40°C, flame, ignition sources.

10.4 Incompatible materials:

Oxidizers, caustics substances and ignition materials.

10.5 Hazardous decomposition products:

Will burn if involved in a fire. May produce toxic fumes of carbon monoxide if burning.

11 Toxicological information

11.1 Toxicokinetics, metabolism and distribution

Non-human toxicological data: Not available

11.2 Information on toxicological effects

Acute toxicity:

Species	LD50(Oral,Rat)	LD50(Dermal,Rabbit)	LC50(Inhalation,Rat)
Ethyl Acetate	5620mg/kg	4940mg/kg	45000mg/m ³ /2h
Acetone	5800mg/kg	20000mg/kg	503124mg/m ³ /2h
M.E.K	3400mg/kg	6480mg/kg	23520mg/m ³ /2h
Methyl Acetate	5450mg/kg	5000mg/kg	5760mg/m ³ /8h

Skin corrosion/Irritation:	Not classified
Serious eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT- single exposure:	May cause drowsiness or dizziness.
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

12 Ecological information

Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability: When release to soil or water, this material may biodegrade to a moderate extent. When release into the air, this material may be moderately degraded by reaction with photochemically produced hydroxyl radicals.

Bioaccumulative potential: This material is not significantly bio-accumulate.

Mobility in soil: Not available.

13 Disposal considerations

13.1 Waste treatment methods

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The material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements.

13.2 Product / Packaging disposal:

If empty container retains product residues, all label precautions must be observed. Return for reuse or dispose according to national or local regulations. .

14 Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number:	1133	1133	1133
UN Proper shipping name:	ADHESIVES, containing flammable liquid.	ADHESIVES, containing flammable liquid.	ADHESIVES, containing flammable liquid.
Transport hazard Class:	3	3	3
Packaging group:	III	III	III
Environmental hazards:	No	No	No
Limited Quantity:			

The Limited Quantity may apply.
Marking required: Limited Quantity (LTD QTY) / Consumer Commodity
Shipping Document: Limited Quantity (LTD QTY) / Consumer Commodity.
LTD QTY: Limited Quantity of Dangerous Goods.

Limited quantities of dangerous goods packed in such limited quantities, meeting the provisions of this Chapter 3.4 of IMDG. Items, permitted to be carried under the limited quantity provision, are shown in the list of Dangerous Goods by the Limited Quantity Packing Instruction number. The Limited Quantity Packing Instructions are identified with the prefix letter "Y" by air shipment.

15 Regulation information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

All components of of the chemical are listed in TSCA/DSL/IECSC/ENCS/TCCA/PICCS/AICS.

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

California Proposition 65 substances?

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

CERCLA Hazardous Substances? None.

Hazardous Air Pollutants? None.

Heavy Metals (as As, Cd, Cr6+, Hg, Pb)? None.

Azo-containing compounds (e.g., Azo dyes/pigments)? None.

Organotin Compounds? None.

Materials of animal origin? None.

Materials of plant origin (Food Allergy concerns)? None.

Chemical Weapons Convention Scheduled chemicals? None.

Drug Precursors (as specified by DEA and/or Health Canada) ? None.

Biocides? None.

Pesticide, controlled by FIFRA? None.

Polybrominated biphenyls (PBBs) or ethers (PBDEs)? None.

Halogenated Materials? None.

Phthalates? None.

Natural Rubber Latex or Silicone Oils? None.

16 Other information

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16.1 Indication of changes

16.2 Training instructions:

Not applicable.

16.3 Further information:

This information is based upon the present state of our knowledge. This MSDS has been compiled and is solely intended for this product.

16.4 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.