



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Ethylene diacetate
Ethanediol diacetate; 1,2-Diacetoxyethane; EGDA
CAS NO.: 111-55-7

Manufacturer: Shandong Wanda Organosilicon New Materials Co.,Ltd.
Xizhou, Qufu, Shandong,, China

For more information call (Monday-Friday, 8:30am-5:30pm): 86-021-54177116
In case of emergency call (24 Hours/Day, 7 Days/Week): 86-0537-4631478

2. COMPOSITION, INFORMATION ON INGREDIENTS:

CAS#	Chemical Name	%	EINECS#	Haz Symbols	Risk Phrases
111-55-7	ETHYLENE GLYCOL DIACETATE, 97% (GC)	97%	203-881-1	-	

3. HAZARDS IDENTIFICATION:

EMERGENCY OVERVIEW: Not available.

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation. Low hazard for usual industrial handling.

Ingestion: Expected to be a low ingestion hazard.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic: Not available.

4. FIRST AID MEASURES:

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Wash mouth out with water.

Inhalation: Remove from exposure and move to fresh air immediately.

Notes to Physician:

山东万达有机硅新材料有限公司(上海办事处)	Shandong Wanda Organosilicon New Material Co., Ltd. (Shanghai Office)
联系地址: 上海市闵行区碧泉路1弄304室	Address: 304#, No. 1 Biquan Rd. Minhang, Shanghai, China
Tel/Fax: 0086-21-54177116; 54177336	Website: http://www.wandasilicon.com/
Email: 002@wandachem.com	MSN: wandachem803@hotmail.com



5. FIRE FIGHTING MEASURES:

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

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

6. ACCIDENTAL RELEASE MEASURES:

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

7. HANDLING AND STORAGE:

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage: Keep away from sources of ignition. Stored in cool, dry place.

Stored in a tightly closed container.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION:

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Personal Protective Equipment:

Eyes: Wear chemical goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear a chemical apron.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use NIOSH or European Standard EN 149 approved respirator when necessary.

CFR

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Clear liquid

Odor: faint odor

pH: Not available.

Vapor Pressure: .32 mbar @ 20

Boiling Point: 186 - 187 deg C @ 760.00mm Hg

Freezing/Melting Point: 0 deg C

Autoignition Temperature: 481 deg C (897.80 deg F)

山东万达有机硅新材料有限公司(上海办事处)	Shandong Wanda Organosilicon New Material Co., Ltd. (Shanghai Office)
联系地址: 上海市闵行区碧泉路1弄304室	Address: 304#, No. 1 Biquan Rd. Minhang, Shanghai, China
Tel/Fax: 0086-21-54177116; 54177336	Website: http://www.wandasilicon.com/
Email: 002@wandachem.com	MSN: wandachem803@hotmail.com



Flash Point: 82 deg C (179.60 deg F)
Explosion Limits, lower: Not available.
Explosion Limits, upper: Not available.
Decomposition Temperature:
Solubility in water: SOLUBLE IN WATER
Specific Gravity/Density: 1.1280g/cm³
Molecular Formula: C₆H₁₀O₄
Molecular Weight: 146.14

10. STABILITY AND REACTIVITY:

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Incompatible materials.

Incompatibilities with Other Materials: Strong oxidizing agents, strong reducing agents, strong acids, strong bases.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Has not been reported.

11. TOXICOLOGICAL INFORMATION:

RTECS#: CAS# 111-55-7

LD50/LC50:

CAS# 111-55-7: Draize test, rabbit, eye: 500 mg Mild; Oral, rat:

LD50 = 6850 mg/kg; Skin, rabbit: LD50 = 8480 uL/kg.

Not available.

Carcinogenicity: ETHYLENE GLYCOL DIACETATE, 97% MIN (GC) -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

12. ECOLOGICAL INFORMATION:

NOT LISTED

13. DISPOSAL CONSIDERATIONS:

Dispose of in a manner consistent with federal, state, and local regulations.

14. TRANSPORT INFORMATION:

IATA: No information available.

IMO: No information available.

RID/ADR: No information available.

山东万达有机硅新材料有限公司(上海办事处)	Shandong Wanda Organosilicon New Material Co., Ltd. (Shanghai Office)
联系地址: 上海市闵行区碧泉路1弄304室	Address: 304#, No. 1 Biquan Rd. Minhang, Shanghai, China
Tel/Fax: 0086-21-54177116; 54177336	Website: http://www.wandasilicon.com/
Email: 002@wandachem.com	MSN: wandachem803@hotmail.com



15. REGULATORY INFORMATION:

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 111-55-7: 1

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

CAS# 111-55-7 is listed on Canada's DSL List.

CAS# 111-55-7 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

CAS# 111-55-7: OEL-RUSSIA: STEL 30 mg/m³

US FEDERAL

TSCA

CAS# 111-55-7 is listed on the TSCA inventory.

16. ADDITIONAL INFORMATION:

MSDS Issue Date: 05/08/2010 Revision #0 Date: Original.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

山东万达有机硅新材料有限公司(上海办事处)	Shandong Wanda Organosilicon New Material Co., Ltd. (Shanghai Office)
联系地址: 上海市闵行区碧泉路1弄304室	Address: 304#, No. 1 Biquan Rd. Minhang, Shanghai, China
Tel/Fax: 0086-21-54177116; 54177336	Website: http://www.wandasilicon.com/
Email: 002@wandachem.com	MSN: wandachem803@hotmail.com