


SECTION 1: Identification			
Product Name	Adhere Undercoat	Product Code	ADHERE
Recommended Use	Concentrated Cleaner		
Supplier	Next-Gen Supply Group 11 Norfolk Street Mansfield, MA 02048 877-452-6726	Emergency Telephone	
		INFOTRAC: 1-800-535-5053	
SECTION 2: Hazard(s) identification			
Warning		Hazards not otherwise classified or not covered by GHS	
		None	
Hazard Statement	Hazard Class (GHS Chapter)	Hazard Category	
Suspected of damaging fertility or the unborn child. Overexposure may cause reproductive disorder(s) based on tests with laboratory animals	Reproductive Toxicity (3.7)	Chapter 2	
Precautionary Statement			
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, clothing and safety eyewear. Store in secured area. Dispose of contents/container in accordance with local/regional/national regulations. Contents can be toxic to aquatic life.			
SECTION 3: Composition/Information on Ingredients			
Chemical identity	Common name, synonyms, etc.	CAS Number	
2-(2-Methoxyethoxy)ethanol	Methyldiglycol, Methyl Carbitol, DM, Diethylene glycol methyl ether	111-77-3	
2-(2-Ethoxyethoxy)ethanol	Carbitol, Diethylene glycol monoethyl ether, Ethyldiglycol, Diethylene glycol ethyl ether	111-90-0	

SECTION 4: First Aid Measures

If medical advice is needed, have product container or label at hand.

Necessary measures for routes of exposure	IF SWALLOWED: DO NOT induce vomiting. Call Poison Center, 911 or emergency medical service.
	IF ON SKIN: Take off contaminated clothing and wash it before reuse. Rinse skin and affected areas with plenty of soap and water or shower. If skin irritation occurs. Get medical advice/attention.
	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.
Most important symptoms/effects, acute and delayed.	Acute exposure may cause skin irritation or eye irritation.
Immediate medical attention and special treatment, if necessary	Move victim to fresh air. Immediately call Poison center, 911 or medical aid..

SECTION 5: Fire-fighting Measures

Suitable (and unsuitable) extinguishing media.	Dry chemical, CO ₂ , alcohol resistant foam or water spray
Specific hazards arising from the chemical	Move containers from fire area, if you can do it without risk
Special protective equipment and precautions for firefighters.	Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
Emergency Response Guide Number	No data available

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures.	Protective gloves and safety eyewear are recommended
Environmental precautions.	Prevent entry into waterways, sewers, basements or confined areas. Collect spillage.
Methods and materials for containment and cleaning up.	Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible absorbent material and transfer to containers. Collect Spillage.

SECTION 7: Handling and Storage

Precautions for safe handling.	Do not eat, drink or smoke in areas where this material is used. After handling, always wash hands thoroughly with soap and water. Wear protective nitrile gloves/protective clothing /safety eye glasses. Use only with adequate ventilation/personal protection.
Conditions for safe storage, including any incompatibilities.	Store containers in a cool, dry, ventilated area away. Keep containers tightly closed and properly labeled.

SECTION 8: Exposure Controls/Personal Protection

Component	CAS #	Value	Exposure	Basis
2-(2-Methoxyethoxy)ethanol	111-73-3	NA	NA	NA
2-(2-Ethoxyethoxy)ethanol	111-90-0	TWA	25 ppm	USA Workplace Environmental Exposure Levels (WEEL)
Remarks: Eye, skin and upper respiratory tract irritation, central nervous system impairment, lung damage, sensitizer varies, not classifiable as a human carcinogen				
Control parameters	Handle with nitrile gloves. Gloves must be inspected prior to use. Avoid skin contact with this product. Safety goggles are required. Avoid eye contact. Long term exposure could irritate skin and eyes. Collect spillage.			
Appropriate engineering controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday.			
Individual protection measures	Provide local ventilation. Respiratory equipment is not required. For nuisance exposures use type OV/AG (US) respiratory cartridges. Wear tightly fitted safety goggles or face shield.			

SECTION 9: Physical and Chemical Properties

Appearance	Milk White Liquid	Specific Gravity	1.020-1.040
Odor	Slight Acrylic Odor	Boiling Point	Ca 212°F
Odor threshold	No data available	Solubility in Water	Complete
pH at concentrate	8.2-8.6	Evaporation Rate	Similar to water
		Volatile Organic Compound	3-4%

SECTION 10: Stability and Reactivity

Reactivity	No data available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available.
Conditions to avoid	No data available.
Incompatible materials	Oxidizers, acids, halogens, light metals, copper, ferrous metals and aluminum.
Hazardous decomposition products	No data available

SECTION 11: Toxicological Information**2-(2-Methoxyethoxy)ethanol (CAS #111-77-3)**

Acute toxicity	LD50 Oral-rat ->7000 mg/kg	LCD Dermal rabbit->20400 mg/kg	Inhalation: no data available
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2-(2-Ethoxyethoxy)ethanol (CAS #111-90-0)

Acute toxicity	LD50 Oral-rat ->10502 mg/kg	LCD Dermal rabbit->9143 mg/kg	Inhalation: -rat ->200mg/l
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Skin corrosion	Mild skin irritation
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IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC
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ACGIH	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by ACGIH
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NTP	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP
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OSHA	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA
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Additional Information**2-(2-Methoxyethoxy)ethanol (CAS #111-77-3)**

Reproductive toxicity: Possible risk of congenital malformation in the fetus. Suspected human reproductive toxicant. Overexposure may cause reproductive disorder(s) based on tests with laboratory animals. RTECS: KL6125000. Stomach - Irregularities - Based on Human Evidence

2-(2-Ethoxyethoxy)ethanol (CAS #111-77-3)

RTECS: KK8750000. Nausea, Headache, Vomiting, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Liver - Irregularities - Based on Human Evidence. Stomach - Irregularities - Based on Human Evidence

SECTION 12: Ecological Information

2-(2-Methoxyethoxy)ethanol (CAS #111-77-3): Toxicity to fish LC50 LC50 - Lepomis macrochirus - 7,500 mg/l - 96 h. LC50 - Pimephales promelas (fathead minnow) - 5,741 mg/l - 96 h

2-(2-Ethoxyethoxy)ethanol (CAS #111-90-0): Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 9,650 mg/l - 96 h. Toxicity to daphnia and other aquatic LC50 - Daphnia magna (Water flea) - 3,340 mg/l - 48 h

SECTION 13: Disposal Considerations

Dispose of contents/container in accordance with local/state/federal and international regulations. Collect spillage. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contaminated packing as unused product.

SECTION 14: Transport Information

Not DOT regulated.

SECTION 15: Regulatory Information

This material does not contain any components subject to the reporting requirements of SARA Title III, Section 302.
2-(2-Ethoxyethoxy)ethanol (CAS 111-90-0) is subject to the reporting requirements of SARA Title III, Section 313,
2-(2-Methoxyethoxy)ethanol (CAS 111-77-3) is subject to the reporting requirements of SARA Title III, Section 313,
2-(2-Ethoxyethoxy)ethanol (CAS 111-90-0) is a SARA 311/312 Hazard: Chronic Health Hazard
2-(2-Methoxyethoxy)ethanol (CAS 111-77-3) is a SARA 311/312 Hazard: Delayed (chronic) Health Hazard

2-(2-Ethoxyethoxy)ethanol (CAS 111-90-0) is a NJ, PA, Right- to- Know chemical
2-(2-Methoxyethoxy) ethanol (CAS 111-77-3) is a PA Right-to-Know chemical.

California Prop. 65: This product does not contain any chemical known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other Information

Revision prepared 12/17/2014 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.
Previous Version Dated 01/09/2014

DISCLAIMER: Whereas the use and handling of this product is not within the control of Next-Gen Supply Group, it is the responsibility of the user to determine the suitability of the product for its intended application. The user assumes all risk and liability for the safe use of the product, utilizing the information provided in this document as a guide. Next-Gen Supply Group accepts no liability for damages or loss incurred from the misuse and mishandling of this product.