

Material Safety Data Sheet

Section 1: Product and Company Information

Product Name	Coadd™ A-6002
Product Use	Adhesion Promoter
Company Name	Polywill (Shanghai) Advanced Material Co., Ltd.
Street Address	No 3399, Kang-Xin Highway, Building 17. Pudong District, Shanghai, China
Telephone	+86-21-20965181
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Emergency response Information	+86-21-20965181

Section 2: Hazard Identification

Emergency Overview

Physical Appearance	Liquid
Colour	Pale yellow to amber
Odour	Of ester
Water solubility	soluble partially

Potential Health Effects

Immediate Concerns	Flammable, maybe harmful by inhalation
Eyes	Maybe Irritating to eyes upon contact
Skin	Maybe irritating to eyes upon contact
Ingestion	No harmful effects have been reported upon ingestion
Inhalation	Maybe harmful by inhalation
Primary routes of entry	Eyes, Skin, Inhalation
Target organs	Eyes, Skin, Respiratory

Section 3: Composition/Information on Ingredients

Substance / Mixture

Chemical Nature 100% epoxy containing silane oligomer

Section 4: First-aid Measures

Eyes	Flush eye(s) for 15 minutes or more; if irritation persists, consult a physician (preferably an eye specialist) and show MSDS.
Skin	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
Ingestion	Do not induce vomiting. Seek medical advice immediately and show this data sheet.
Inhalation	Ensure supply of fresh air. In the event of symptoms, seek medical treatment.
General Advice	Remove soiled or soaked clothing immediaty

Section 5: Fire-fighting Measures

Extinguishing media:	Use extinguishing media (foam, CO ₂ , dry chemical) appropriate for surrounding fire.
Specific hazards during firefighting:	In the event of fire the following can be released: - Carbon monoxide, carbon dioxide, silicon dioxide
Special protective equipment for firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Personal precautions:	Do not contact with eyes or skin directly. Wear proper personal protective clothing, gloves and equipment. Keep people away from and upwind of spill.
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Environmental precautions:	Do not flush liquid into public sewer, water system or surface waters
Clean up:	Contain spills immediately with inert sand or earth materials. Transfer liquids and solid material to separate suitable containers for recovery or disposal.
Other information:	This product may cause the floor to be slippery.

Section 7: Handling and Storage

Handling:	Keep container tightly closed. Do not breathe vapors, mist or gas. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
Storage:	Keep container tightly closed and dry in a cool, well-ventilated place

Section 8: Exposure Controls/Personal Protection

Exposure limits:	Exposure limits are listed, if they exist.
Exposure Controls	
Engineering controls:	Use local exhaust ventilation with a minimum capture velocity of 100 ft/min. (0.5 m/sec.) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.
Protective measures:	Facilities storing or utilizing this material should be equipped with an eyewash facility.
Individual protection measures	
Eye/face protection:	Safety glasses with side-shields Eye protection worn must be compatible with respiratory protection system employed.
Skin protection:	The glove(s) listed below may provide protection against permeation. (Gloves of other chemically resistant materials may not provide adequate protection): Neoprene gloves
Respiratory protection:	Use certified respiratory protection equipment meeting EU requirements(89/656/EEC, 89/686/EEC), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods

or procedures of work organization.

Section 9: Physical and Chemical Properties

Appearance	Liquid
Colour	Pale yellow to amber liquid
Odor	Mild
Density(g/ml)	1.12
Flash point(°C)	>85
Viscosity(25°C)	< 500 mPa.s
Boiling point	No measured
Odor threshold	No measured
pH	Not applicable
Water solubility	Soluble partially
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable

NOTE: The physical data above are only typical values and not be constitute specification.

Section 10: Stability and Reactivity

Stability	The materials considered are stable
Substances to avoid	Acids, bases, and strong oxidizing agents
Hazardous reactions	No hazardous reactions with proper storage and handling.
Polymerization	Product will not undergo polymerization.
Hazardous decomposition products	None with proper storage and handling

Section 11: Toxicological Information

Acute toxicity	
Oral:	No data available
Inhalation:	No data available

Dermal:	No data available
Skin:	No data available
Eye irritation:	No data available
Sensitization:	No data available
Carcinogenicity:	No data available
Mutagenicity	
Reproductive Cell Mutagenicity:	No data available
Specific Target Organ Systemic Toxicity (Single Exposure)	No data available
Specific Target Organ Systemic Toxicity (Repeated Exposure)	No data available
Aspiration Hazard	No data available

Section 12: Ecological Information

Acute aquatic toxicity

Acute toxicity to fish:	No data available
Acute toxicity to aquatic invertebrates:	No data available
Acute toxicity to algae:	No data available
Acute toxicity to bacteria:	No data available

Chronic aquatic toxicity

Chronic toxicity to fish:	No data available
Chronic toxicity to aquatic invertebrates:	No data available
Toxicity to soil-dwelling organisms:	No data available
Toxicity to terrestrial plants:	No data available
Toxicity to other non-mammalian terrestrial species:	No data available

Persistence and Degradability

Biodegradability:	No data available
Physico-chemical removability:	No data available

Bioaccumulative Potential

Bioaccumulation:	No data available
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Mobility in Soil

Partition coefficient: n-octanol/water: No data available

Distribution among environmental compartments: No data available

Fate and behavior in the environment: No data available

Section 13: Disposal Considerations

Environmental precautions: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Disposal: For disposal, incinerate or landfill at a permitted facility in accordance with local regulations.

Section 14: Transport Information

Classification for ROAD and Rail transport:

Not regulated (Not dangerous for transport)

Classification for SEA transport (IMO-IMDG):

Not regulated (Not dangerous for transport)

Classification for AIR transport (IATA/ICAO):

Not regulated (Not dangerous for transport)

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations

Section 15: Regulatory Information

China. Inventory of Existing Chemical Substances in China (IECSC):

All intentional components in this product are either listed on the Inventory of Existing Chemical Substances in China (IECSC) or approved for exemption. Production and/or use is limited by the conditions of the exemption.

United States TSCA Inventory (US.TSCA):

All components of this product are produced in compliance with the requirements of the U.S. Toxic Substances Control Act (TSCA) and are either listed on or are exempt from listing on the

Inventory.

Provisions on the Environmental Administration of New Chemical Substances. General rule of classification and hazard communication of chemicals

Law on Prevention and Control of Environmental Pollution Caused by Solid Waste.

Section 16: Other Information

Hazard Rating System.

HMIS

Health	Flammability	Reactivity
1	2	0

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.