

## Material Safety Data Sheet

Product name: **Coadd™ AT-2893**

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### Section 1: Product and Company Information

<b>Product Name</b>	Coadd™ AT-2893
<b>Product Use</b>	Corrosion Inhibitor
<b>Company Name</b>	Polywill (Shanghai) Advanced Material Co., Ltd.
<b>Street Address</b>	No 3399, Kang-Xin Highway, Building 17. Pudong District, Shanghai, China
<b>Telephone</b>	+86-21-20965181
<b>Fax</b>	+86-21-20965197
<b>Emergency response Information</b>	+86-21-20965181

### Section 2: Hazard Identification

#### Emergency Overview

<b>Physical Appearance</b>	Liquid
<b>Colour</b>	Yellowish
<b>Odour</b>	Mild
<b>Water solubility</b>	Miscible

#### Potential Health Effects

##### Immediate Concerns

<b>Eyes</b>	May produce oil film causing brief reversible dimness of sight.
<b>Skin</b>	No harmful effects have been reported upon contact with skin.
<b>Ingestion</b>	No harmful effects have been reported upon ingestion. No harmful effects have been reported upon

**Inhalation** inhalation.

**Primary routes of entry** Eyes, Skin

### Section 3: Composition/Information on Ingredients

**Substance / Mixture:** Mixture

**Chemical Nature** Solution of unsaturated polyacid amide

Other Components	CAS	Concentration (%)
2-Methoxymethylethoxylpropanol	34590-94-8	55-65

### Section 4: First-aid Measures

**Eyes** Flush eye(s) for 15 minutes or more, and keep eye wide open while rinsing. If irritation persists, consult a physician (preferably an eye specialist) and show MSDS.

**Skin** Wash off immediately with plenty of water for at least 15 minutes. Obtain medical attention

**Ingestion** Do not induce vomiting. Obtain medical attention.

**Inhalation** Move to fresh air. If breathing is difficult, give oxygen. Obtain medical attention.

**General Advice** Do not leave the victim unattended.

### Section 5: Fire-fighting Measures

**Extinguishing media:** Use extinguishing media (Foam, CO<sub>2</sub>, dry chemical) appropriate for surrounding fire.

**Specific hazards during firefighting:** Do not allow contaminated water to enter drains or any water sources. Hazardous combustion products may contain: Carbon oxides, silicone compounds, chlorinated compounds.

**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.

**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:** No data available.

## Section 7: Handling and Storage

**Handling:** Keep container tightly closed. Avoid aerosol formation. Do not breathe vapors, mist or gas. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. No smoking, drinking and eating in application area. Supply sufficient air exchange in application area.

**Storage:** Keep container tightly closed and dry in a cool, well-ventilated place. Reseal and store in upright position when not using. No smoking in storage area. Keep away from strong acid/bases and oxidizing agents.

## Section 8: Exposure Controls/Personal Protection

**Exposure limits:**  
Exposure limits are listed, if they exist.

Components	CAS	Type	Value	Notes
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2-Methoxymethylethoxypropanol	34590-94-8	Time Weighted Average (TWA)	600 mg/m3	
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## 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

<b>Appearance</b>	Liquid
<b>Colour</b>	Yellowish
<b>Odor</b>	Mild
<b>Density</b>	0.99 (g/ml)
<b>Boiling point</b>	184°C (initial)
<b>Flash point(°C)</b>	74°C
<b>pH</b>	No data available

<b>Viscosity</b>	<500(25℃,mPas)
<b>Evaporation rate</b>	No data available
<b>Odor threshold</b>	No data available
<b>Water solubility</b>	Miscible
<b>Lower explosion limit</b>	8.7%(V)
<b>Upper explosion limit</b>	1.3%(V)
<b>Vapour pressure</b>	No data available
<b>Relative vapor density</b>	No data available
<b>Ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Non-volatile content</b>	30-35%

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

## Section 10: Stability and Reactivity

<b>Stability</b>	The materials considered are stable
<b>Substances to avoid</b>	Strong oxidizing agents.
<b>Hazardous reactions</b>	No hazardous reactions with proper storage and handling.
<b>Polymerization</b>	Product will not undergo polymerization.
<b>Hazardous decomposition products</b>	None with proper storage and handling

## Section 11: Toxicological Information

### Information on likely routes of exposure

Skin contact

Skin Absorption

Inhalation Eyes Ingestion

### Acute toxicity

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**Product:**

Acute oral toxicity: No data available

**Components:**

2-Methoxymethylethoxypropanol:

Acute oral toxicity : LD50 (Rat): 5,200 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 50 mg/l

Acute dermal toxicity : LD50 (Rabbit): 9,500 mg/kg

Skin corrosion/irritation

**Product:**

No data available

**Components:**

Methoxymethylethoxypropanol:

Species: Rabbit

Result: slight irritation

**Serious eye damage/eye irritation**

**Components:**

2-Methoxymethylethoxypropanol:

Species: Rabbit

Result: Mild eye irritation

**Respiratory or skin sensitisation**

Product: No data available

Components:

2-Methoxymethylethoxypropanol:

Result: Does not cause skin sensitisation.

**Carcinogenicity**

**Product:**

No data available

**Aspiration toxicity**

**Product:**

No data available

**Components:**

2-Methoxymethylethoxypropanol:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard

## Section 12: Ecological Information

### Ecotoxicity

#### Product:

Toxicity to fish: No data available

### Persistence and degradability

#### Product:

Biodegradability: No data available

### Bioaccumulative potential

#### Product:

Bioaccumulation: No data available

### Mobility in soil No data available

Other adverse effects: No data available

**Additional ecological information:** 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

### UN Number

Not regulated as a dangerous good

### 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	1	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.