

Material Safety Data Sheet

Section 1: Product and Company Information

Product Name	Coadd™ AP-6054
Product Use	Adhesion Promoting Agent
Company Name	Polywill (Shanghai) Advanced Material Co., Ltd.
Street Address	No 3399, Kang-Xin Highway, Building 17. Pudong District, Shanghai, China
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Emergency response Information	+86-21-20965181

Section 2: Hazard Identification

Emergency Overview

Physical Appearance	Viscous liquid
Colour	Light yellow
Odour	Mild
Water solubility	Soluble

Potential Health Effects

Immediate Concerns	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Eyes	No harmful effects have been reported upon contact with the eyes.
Skin	No harmful effects have been reported upon contact
Ingestion	No harmful effects have been reported upon ingestion.
Inhalation	No harmful effects have been reported upon inhalation
Primary routes of entry	None

Carcinogenicity

Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen

Section 3: Composition/Information on Ingredients

Substance / Mixture:

Mixture

Chemical Nature

A solution of mixture phosphate modified polyether with high steric hydrophobic group

Components	CAS	Concentration (%)
Water	7732-18-5	10-15
Mixture of polyether with high steric hydrophobic group	/	85-90

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. Drink 1 or 2 glasses of water. Never give anything by mouth to unconscious person. 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 immediately

Section 5: Fire-fighting Measures

Extinguishing media:

Use extinguishing media (foam, CO₂, dry chemical)

appropriate for surrounding fire.

Specific hazards during firefighting:

In the event of fire, the following can be released: - Carbon oxides.

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.

Hazardous decomposition products

None with proper storage and handling.

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:

This product may cause the floor to be slippery.

Section 7: Handling and Storage

Handling:

Keep container tightly closed. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. No drinking and eating in application area.

Storage:

Keep container tightly closed and dry in a cool, well-ventilated place.

Section 8: Exposure Controls/Personal Protection

General protective measures:

Avoid contact with eyes and skin

Hygiene measures

Do not eat, drink or smoke with working.
Wash hands before breaks and after work.
Remove soiled or soaked clothing immediately.

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
Eye protection	Tightly fitting safety glasses
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	Viscous liquid
Colour	Light yellow
Odor	Mild
Odor threshold	No data available
Density(g/ml)	1.17
Pour point (°C)	0
Flash point(°C)	>100
Acide value(mgKOH/g)	45-55
pH (5% solution)	1.9 - 4.5
Viscosity(25°C, mPas)	1500-15000
Boiling point(°C)	100 (water)
Evaporation rate	No data available
Water solubility	Soluble
Lower explosion limit	No data available
Upper explosion limit	No data available
Non Volatile content(%)	85-90
Thermal decomposition	No data available

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

Section 10: Stability and Reactivity

Reactivity	Not classified as a reactivity hazard
Chemical Stability	Stable
Conditions to avoid	None known
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	No data available

invertebrates:

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

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

Sea transport

IMDG:

Not regulated

Air transport

ICAO/IATA:

Not regulated

DOT (Department of Transportation)

CFR Road:

Not regulated

CFR Rail:

Not regulated

CANADA Transport of Dangerous goods

TDG Road:

Not regulated

TDG Rail:

Not regulated

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	0	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.