

Material Safety Data Sheet

Section 1: Product and Company Information

Product name Coadd™ D-6028
Product Use Dispersing Agent

Company name Polywill (Shanghai) Advanced Material Co., Ltd.

Street Address Polywill (Shanghai) Advanced Material Co., Ltd.

No 3399, Kang-Xin Highway, Building 17. Pudong

District, Shanghai, China

Telephone +86-21-20965181 **Fax** +86-21-20965197

Emergency response Information +86-21-20965181

Section 2: Hazard Identification

Hazard classification

GHS classification in accordance with 29 CFR 1910.1200 Not a hazardous substance or mixture.

Section 3: Composition/Information on Ingredients

Substance / Mixture: Mixture

Chemical Nature Solution of polyacrylate copolymer ammonium salt

| Component | CAS No. | Wt % |
|---------------------------------------|---------------|---------|
| Functionalized polyacrylate copolymer | Not Hazardous | 49 - 51 |
| Water | 7732-18-5 | 49 - 51 |

Section 4: First-aid Measures

If inhaled: Move to fresh air. If not breathing, give artificial respiration.

If in eyes: Flush eyes with plenty of clean water for an extended time. If

eye irritation persists, call a physician.

If on skin: Wash the affected area thoroughly with plenty water and soap.

If skin irritation persists, consult a specialist.

If swallowed: Drink 1 or 2 glasses of water. See a physician if necessary.



Never give anything by mouth to an unconscious person.

Section 5: Fire-fighting Measures

Extinguishing media: Use extinguishing media appropriate for surrounding fire.

Special protective equipment for firefighters:

Fire fighters to wear full protective clothing and self-contained

breathing apparatus (SCBA) in confined spaces.

Specific hazards during

firefighting:

Dried product can burn. Material can splatter above

100C/212F.

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

Contain spills immediately with inert sand or earth materials. Clean up:

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

Keep container tightly closed. Do not breathe vapors, mist or Handling:

gas. Avoid contact with eyes, skin and clothing. Wash thoroughly

after handling.

Storage temperature is about 0 - 45 °C. Stir well before using. Storage:

Keep from freezing- product stability may be affected. Suggested to be away from sources of ignition and out of direct sunlight.

Section 8: Exposure Controls/Personal Protection

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

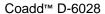
Exposure Controls

Use local exhaust ventilation with a minimum capture **Engineering controls:**

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 Light yellow liquid

Odor Mild **pH** 6.5-8.5

Flash point No applicable Viscosity <1000mPa.s

Water solubility Soluble Relative density 1.12

Lower explosion limitNo applicableUpper explosion limitNo applicableDecompositionNo data availa

temperature Flammability No data available

Not applicable

Boiling point (°C) 100 (water)

Explosive properties No data available

Percent volatility 49 – 51% water

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

Section 10: Stability and Reactivity

Stability This material is considered stable.

Conditions to avoid No data available.

Hazardous reactions Thermal decomposition may yield CO_x, NO_x vapor.

Polymerization

Product will not undergo polymerization.

Section 11: Toxicological Information

Toxicity Inhale; Eye; and Skin

Acute toxicity

Oral: No data available
Inhalation: No data available

Dermal: No acute effect. Chronic effect unknown.

Skin:No data availableEye irritation:No data availableSensitization:No data availableCarcinogenicity: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 Chronic aquatic toxicity

No data available

Chronic toxicity to fish: Chronic toxicity to aquatic invertebrates: No data available 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

opcoics.

Persistence and Degradability

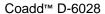
Physico-chemical

No data available

removability:

Bioaccumulative Potential

Bioaccumulation: No data available





Mobility in Soil

Partition coefficient: n-

No data available

Distribution among

environmental compartments:

octanol/water:

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.

For disposal, incinerate or landfill at a permitted facility in Disposal:

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.

Measures for Environmental Management of New Chemical Substances:

Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste

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.

Section 16: Other Information

Hazard Rating System.

HMIS

| Health | Flammability | Physical Hazard |
|--------|--------------|-----------------|
| 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.