

Material Safety Data Sheet

Section 1: Product and Company Information

Product Name Coadd™ DF-0211

Product Use Defoaming agent

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

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District, Shanghai, China

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Emergency response Information +86-21-20965181

Section 2: Hazard Identification

Emergency Overview

Physical Appearance Liquid
Colour Off-white
Odour Mild

Water Solubility Insoluble

Potential Health Effects

Immediate Concerns No particular hazards known

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



Section 3: Composition/Information on Ingredients

Substance / Mixture: Mixture

solids

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 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

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



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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

Do not flush liquid into public sewer, water system or surface waters

precautions:

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.

Separation or layering may occur if product experience rapid temperature change or long-term storage. If happens, mix well

before use.

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.



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Skin protection: The glove(s) listed below may provide protection against

permeation. (Gloves **o**f 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

AppearanceLiquidColourOff-whiteOdourMildDensity(g/ml)1.05Flash Point($^{\circ}$ C)>100

Viscosity(25°C, mPas) <1500

Boiling point Not measured Odour Threshold Not measured

Water Solubility Insoluble

Lower Explosion Limit Not measured Upper Explosion Limit Not measured

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

Section 10: Stability and Reactivity

Stability The materials are considered stable

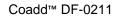
Substances to avoid Acids, bases, and strong oxidizing agents

Hazardous reactionsNo 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

No data available 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: Mutagenicity

Reproductive Cell

Mutagenicity:

No data available

No data available

Specific Target Organ **Systemic Toxicity**

(Single Exposure)

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 No data available Acute toxicity to aquatic

invertebrates:

No data available Acute toxicity to algae: Acute toxicity to No data available

bacteria:

Chronic aquatic toxicity

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

aquatic invertebrates:

Toxicity to soil-dwelling

organisms:

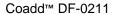
No data available

Toxicity to terrestrial

plants:

No data available

Toxicity to other non-No data available





mammalian terrestrial species:

Persistence and Degradability

Biodegradability: No data available
Physico-chemical No data available

removability:

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 Keep spills and cleaning runoff out of municipal sewers and

precautions: 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	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.