SAFTY DATA SHEET

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name:	PUR301A
Chemical name:	Floor coating
Company:	CHANGSHA PERFLEX NOVEL MATERIALS CO.,LTD
Address:	North Zone, 20th Floor, Block A, Junyue Mansion, Yuanda 1st Road, Furong Dist, Changsha Hunan
Email:	sales@perflex.com.cn
Fax:	86-(0) 731-83307125
Emergency Phone:	86-(0)18390992093
SDS Date:	2026/4/30

SECTION2 HAZARDS IDENTIFICATION

GHS Hazard Category:

This water-based product is not classified as hazardous.

Hazard statements:

Harmful if inhaled.

Environmental Hazards: None.

Explosion/Fire Hazards: Not applicable.

SECTION3 COMPOSITION / INFORMATION ON INGREDIENTS

Type of product: Mixture

Product components	CAS	Component
Polyurethane Coating	30322-28-2	40-60%
Deionized Water	7732-18-5	40-60%
Additives	N/A	0-5%

SECTION4 FIRST-AID MEASURES

If in doubt or symptoms persist, seek medical attention immediately.

Inhalation:

Immediately move to a place with fresh air. Keep warm and at rest.

Skin Contact:

Thoroughly rinse the affected area with soap and plenty of water.

Eye Contact:

Keep the eyes open and flush with plenty of water for an extended period (at least 10 minutes).

Ingestion:

If accidentally swallowed, seek medical attention immediately. Keep calm. Do not induce vomiting. If conscious, drink milk or water.

SECTION5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Foam, carbon dioxide, water, dry powder.

Ineffective fire extinguishing agent:

Not applicable.

Special protective equipment:

his water-based product is not classified as flammable. However, dried paint film may produce harmful decomposition products when burned at high temperatures in a fire.

SECTION6 LEAKAGE EMERGENCY HANDLING

Workplace protective measures, protective equipment, and emergency response procedures:

This product is not flammable. Avoid discharge into drains. For large spills, use non-combustible absorbent materials such as sand, soil, or quartz. Mix and dispose of at a local environmental waste treatment facility.

SECTION7 HANDLING AND STORAGE

Precautions for safe operation:

Ensure adequate air exchange or exhaust ventilation in the workspace.

Storage precautions:

Avoid storage under extremely cold or hot conditions. Store in a cool, well-ventilated area and keep containers tightly closed.

SECTION8 CONTACT CONTROL/PERSONAL PROTECTIVE EQUIPMENT

Appropriate engineering controls:

Not applicable.

Eye/Facial Protection:

Safety goggles recommended.

Hand protection:

Not applicable.

Respiratory Protection:

Respiratory protective equipment recommended.

Frequent repeated contact:

Not applicable.

Body protection:

Not applicable.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Milk white
Odour	Amine odor
PH	8 – 9
Melting point/freezing point	No data available
Boiling point/boiling range	100°C
Flash point (℃, closed cup)	No data available
Steam density	No data available
Relative density (Water= 1)	1.25 – 1.55g/cm3
Water solubility	Completely miscible with water
n-octanol / water partition coefficient	No data available
Auto-ignition temperature	No data available
Ignition temperature	No data available

Section10 CHEMICAL STABILITY AND REACTIVITY INFORMATION

Chemical stability:

Stable under normal handling and storage conditions.

Hazardous Decomposition Products

Under fire conditions, may decompose to produce soot, carbon monoxide, carbon dioxide, and nitrogen oxides.

Incompatible substances:

Keep away from oxidizing agents, strong acids, and strong alkalis to avoid possible exothermic reactions.

SECTION11 TOXICOLOGICAL INFORMATION

There are no available toxicological studies for this product.

Acute toxicity

Not applicable.

SECTION12 ECOLOGICAL INFORMATION

Toxicity Acute

Not applicable.

Section13 DISPOSAL CONSIDERATIONS

Waste disposal method:

Non-hazardous liquid waste. Avoid disposal into sewers or drains.

SECTION14 TRANSPORT INFORMATION

Item	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)

UN-Number	**NO**	**NO**	**NO**
UN Proper shipping name	**NO**	**NO**	**NO**
Transport hazard Class	**NO**	**NO**	**NO**
Packaging group	**NO**	**NO**	**NO**
Environmental hazards	**NO**	**NO**	**NO**
Special precautions for user	**See section 2**	**See section 2**	**See section 2**
Transport in bulk according to Annex II of Marpol and the IBC Code	**Not available**	**Not available**	**Not available**

SECTION15 REGULATORY INFORMATION

The following laws, regulations and standards make corresponding provisions on the safe use, storage, transportation, handling, classification and marking of chemicals.

Law of the People's Republic of China on the Prevention and Control of Occupational Diseases:

Occupational Asthma Diagnostic Criteria (GBZ57-2008): not listed.
Technical Specifications for Occupational Health Monitoring (GBZ188-2007): not listed.
Safety Regulations for Painting Operation, Painting Process Safety and Its Ventilation and Purification (GB6514-2008) and Safety Technology for Coating Production Enterprises
Technical Regulations (AQ5204-2008): not listed.

Environmental management regulations:

Inventory of Existing Chemical Substances in China (IECSC, 2013 edition): Unclassified ingredients are listed
National Hazardous Waste List (2016): not listed.

Regulations on the Administration of Precursor Chemicals:

Classification and variety of precursor chemicals: not listed.

SECTION16 OTHER INFORMATION

Revision Notes:

The previous SDS has been revised in accordance with the standard “Content and Order of Items for Safety Data Sheets of Chemicals” (GB/T16483-2008).

Disclaimer:

Wanhua Chemical has provided all relevant information in this MSDS in a comprehensive and truthful manner. However, we cannot guarantee its absolute comprehensiveness or accuracy. This MSDS is intended solely to provide safety precautions for personnel who have received appropriate professional training and are authorized to use this product. Individuals obtaining this MSDS must independently assess its suitability under specific usage conditions. In particular circumstances, Wanhua Chemical shall not be held liable for any injuries resulting from the use of this MSDS.