Safety data sheet

According to P.R.C GB/T 16483—2008

Revision Date：01.06.2020

1 Identification of the substance

Product name:

SD-600

Company name:

Wudi De Xin Chemical Co. Ltd.

Address:

High-tech Zone Wudi County, Shandong, P.R.C

Tel: 0543-6452566

Fax: 0543-6452566

Postcode: 251909

SDS No.:20200601

2 Hazards identification

GHS Classification

Skin corrosion/irritation, 3rd; Eye damage/irritation,2b.

Emergency Overview

It will be irritation if exposure to it by eye or skin.

GHS Label elements, including precautionary statements

Pictograms: -----

Signal word: warning

Hazard statement(s): H316 Causes mild skin irritation; H320 Causes eye irritation

Precautionary statement(s) -----

Prevention precautionary statements:

P264 Wash exposure site thoroughly after handling.

Response precautionary statements:

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Storage precautionary statements:

Disposal precautionary statements:

P501 Dispose of contents/container in accordance with local/regional/national/international regulations (to be specified).

Potential Health Effects

Inhalation Inhalation of high concentrations may cause central nervous system effects characterized by headache, dizziness. Inhalation of vapor may cause respiratory tract irritation.

Eye Causes eye mild irritation. Vapors may cause eye irritation.

Skin May cause skin mild irritation. Prolonged and/or repeated contact may cause irritation and/or dermatitis.

Ingestion May causes irritation of the digestive tract. May cause effects similar to those for inhalation exposure.

3 Composition/information on ingredients

Chemical characterization: pure

Ingredients	CAS No.	Concentration
Polymer polyols SD-600	9082-00-2 057913-80-1	>99.8%

4 First aid measures

Description of first aid measures

General advice:

After inhalation:

Remove to the fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get immediate medical attention.

After skin contact:

Remove contaminated clothing. Immediately wash with water and soap and rinse thoroughly. If irritation persists consult doctor.

After eye contact:

Rinse opened eye for several minutes under running water. Remove contact lenses, if present and easy to do. If symptoms persist, consult a doctor.

After swallowing:

Immediately induce vomiting, as directed by medical personnel. Never give anything by mouth to an unconscious person. Consult a doctor.

Information for doctor:

No special instructions

5 Firefighting measures

Extinguishing media

Suitable extinguishing agents:

Dry chemical, carbon dioxide, foam,sand.

Special hazards arising from the substance or mixture:

It will be flammable if have fire source or high temperature and may give out some toxic fume

Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary

Protective equipment:

self contained breathing apparatus

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear self contained breathing apparatus and whole body protective clothing for fire fighting.

Environmental precautions:

Avoid heat, flames, sparks and other sources of ignition. Stop leak if possible without personal risk. Reduce vapors with water spray. Keep unnecessary people away, isolate hazard area and deny entry. Remove sources of ignition. Ventilate closed spaces before entering.

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations. For large amounts: Pump off product.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

Handling:

Precautions for safe handling

No special measures necessary provided product is used correctly.

Storage:

Store in cool, dry, well-ventilated area. Avoid sources of ignition, direct sun exposure, physical damage, strong acid and Oxidizer. Keep containers closed when not in use.

8 Exposure controls/personal protection

Components with workplace control parameters

No.	Name	CAS no.	OELs(mg/m^3)			Remarks	ACGIH BEL	
			MAC	PC-TWA	PC-STEL			
1	Polymer polyols SD-600	9082-00-2 057913-80-1	-----	-----	-----	-----	-----	-----

Exposure controls

Engineer control: Provide local exhaust ventilation to control vapours/mists.

Personal protective equipment:

General protective and hygienic measures:

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Breathing protection if breathable aerosols/dust is formed.

Protection of hands:

Chemical resistant protective gloves

Consult with glove manufacturer for testing data.

Eye protection:

Safety glasses with side-shields.

Skin and body protection

Use suitable work clothes and work shoes. Body protection must be chosen based on level of

activity and exposure.

Hygiene measures

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of work day. Keep away from food, drink and animal feeding stuffs. Remove contaminated clothing. No smoking.

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance: White viscous liquid

pH-value:5-8

Change in condition

Melting point/Melting range: no data available

Boiling point/Boiling range: no data available

Flash point: 180°C

Flammability (solid, gaseous):

Ignition temperature: no data available

Decomposition temperature: no data available

Self-igniting: no data available

Danger of explosion: no data available

Explosion limits:

Lower: no data available

Upper: no data available

Vapour pressure at 20°C:

Density:

Relative density: 1.029(g/cm3 ,25℃)

Vapour density： no data available

water:

Segregation coefficient (n-octanol/water): no data available

Solubility: easily to dissolve in organic solution

10 Stability and reactivity

Reactivity

Chemical stability

Stable under normal temperature and pressure

Possibility of hazardous reactions

none

Conditions to avoid

Sources of ignition, heat sources, high temperature, anti moisture.

Incompatible materials:

Strong oxidizing agents

Hazardous decomposition products:

Carbon monoxide, carbon dioxide, oxides of nitrogen

11 Toxicological information

Information on toxicological effects

Acute toxicity:

no data available

Skin corrosion/irritation:

on the skin:. May have skin irritation

on the eye: May have eye irritation

Respiratory or Skin Sensitization:

will not occur

Germ cell mutagenicity:

no data available

Carcinogenicity:

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

Reproductive toxicity:

no data available

Specific target organ toxicity-single exposure(GHS):

no data available

Specific target organ toxicity-repeated exposure(GHS):

no data available

Aspiration hazard:

no data available

Potential health effects

Inhalation It will give out dust, steam and fume if the operating temperature is too high, may have irritation.

Skin May have skin irritation

Eyes May have eye irritation

Ingestion -----

Sings and Symptoms of Exposure

no data available

12 Ecological information

Toxicity

Acquatic toxicity:

no data available

Persistence and degradability

no data available

Behaviour in environmental systems:

Bioaccumulative potential

no data available

Mobility in soil

no data available

Additional ecological information:

General notes:

Other adverse effects：no data available

13 Disposal considerations

Please disposal it according to the P.R.C environmental law and avoid the environmental pollution.

14 Transport information

Dangerous Goods Code(GB 12268-2005 of P.R.C): Not classified as a dangerous good under transport regulations

Proper shipping name: -----

Code no：-----

UNN

Proper shipping name: -----

UN-Number: -----

Class: -----

Packing group: -----

Marine pollutant: -----

15 Regulatory information

Some information of P.R.C Law

Inventory of exiting chemical substance (P.R.C,2012): listed

ultra-toxic chemicals directory(P.R.C ,2002): none

Dangerous Goods Code(P.R.C , GB 12268-2012):none

List of dangerous Chemicals (P.R.C, 2002): none

Identification of major hazard installations (P.R.C ,GB18218-2009): none

List of high toxic substance (P.R.C , 2003): none

The National Catalogue of Hazardous Wastes (P.R.C, 2008): none

16 Other information

This SDS was established according to the P.R.C GB/T 16483—2008 by Shanghai Center of Toxic Chemicals Information and Consulting (SCTCIC) of P.R.C. The above information is believed to be correct but doesn't purport to be all inclusive and shall be used only as a guideline. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precaution. It doesn't represent any guarantee of the properties of the product. The SCTCIC shall not be held liable for any damage resulting from handling or from contact with the above product. Our toxic data all come form HSDB and RTECS unless otherwise specified.