

Material Safety Data Sheet

PAGE 1 OF 6

SAFETY DATA SHEET

29/11/2006

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

YILLONG CHEMICAL GROUP LIMITED Feilo Edifice Plaza, 6F/602, No 398,
Yonghe Road, 200072,
Zhabei District, Shanghai, China,

24 HOUR EMERGENCY RESPONSE NUMBER : +86-13588052122
For product information: +86-21-65266643

Product Name: REDIPOL RDP01 - RDP01V - RDP04 - RPD05

Use of Substance/Preparation: Industrial binder for: building materials, plasters. All other areas of application to be agreed with the application engineering/technical marketing department of the manufacturer.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characteristics: Copolymer of vinyl acetate, ethylene and vinyl ester with mineral fillers and protective colloid.

3. HAZARDS IDENTIFICATION

Emergency Overview

CAUTION! MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT. MAY AFFECT LUNGS.

Health Rating: 3 - moderate

Flammability Rating: 0 - None

Reactivity Rating: 0 - None

Contact Rating: 3 - Moderate

Lab Protective Equip: GOGGLES; LAB COAT

Storage Color Code: Orange (General Storage)

Potential Health Effects

SAFETY DATA SHEET

29/11/2006

REDIPOL

Inhalation:

May cause mild irritation to the respiratory tract.

Ingestion:

Not expected to be a health hazard via ingestion.

Skin Contact:

May cause mild irritation and redness.

Eye Contact:

May cause mild irritation, possible reddening.

Chronic Exposure:

Long-term exposure to titanium dioxide dust may result in mild fibrosis (scarring of the lungs). Aggravation of Pre-existing Conditions:

Persons with pre-existing lung disease may be more susceptible to the effects of this substance.

4. FIRST-AID MEASURES

Inhalation:

Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion:

Not expected to require first aid measures. If large amounts were swallowed, give water to drink and get medical advice.

Skin Contact:

Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Fire:

Not considered to be a fire hazard.

Explosion:

Not considered to be an explosion hazard.

Fire Extinguishing Media:

Use any means suitable for extinguishing surrounding fire.

Special Information:

29/11/2006

REDIPOL

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

7. HANDLING AND STORAGE

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Limits:

Exposure in the workplace limited and controlled

General protection and hygiene measures: do not breathe dust. Do not eat, drink or smoke when handling.

Personal protection equipment respiratory protection: in case of dust formation: fine dust mask without protection rating.

Hand protection: rubber gloves

Eye protection: tight fitting protective goggles.

Exposure to the environment limited and controlled: prevent material from entering surface waters and soil.

Further information for system design and engineering measures: observe regulations for protection against explosion.

SAFETY DATA SHEET

29/11/2006

REDIPOL

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid - Powder.
Odor:	Odorless.
Melting point:	not applicable.
Boiling point:	not applicable.
Flash point:	not applicable.
Ignition temperature:	approx. 500C
Explosive properties:	not applicable.
Lower explosion:	30 g/m3
Vapour pressure:	not applicable
Bulk density:	440 - 540 kg/m3
Water solubility:	moderately soluble at 20C
Ph-value:	7 at 20C
Viscosity (dynamic):	not applicable

10. STABILITY AND REACTIVITY

Stability:
Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products:
No information found.

Hazardous Polymerization:
Will not occur.

Conditions to Avoid:
Dusting and incompatibles.

SAFETY DATA SHEET

29/11/2006

REDIPOL

11. TOXICOLOGICAL INFORMATION

According to our present state of knowledge no damaging effect expected when treated in accordance with standard industrial practices and local regulations where applicable. The toxicological results listed below are based on tests with similar materials.

Toxicological tests:

Exposition	value	species	source
Oral	> 2000 mg/kg	rat	test report
Exposition	effect	species	source
To skin	mildly irritating	rabbit	test report
To eyes	not irritating	rabbit	test report

Experience with man: during manufacture and use: no information on damage to health.

Further toxicological information : none

12. ECOLOGICAL INFORMATION

Environmental Fate:

No information found.

Environmental Toxicity:

No information found.

13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

Product is not classified for any mode of transportation.

29/11/2006

REDIPOL

15. REGULATORY INFORMATION

WARNING LABEL:

R-Phrase	description
R-	-
S-Phrase	description
S-	-

NATIONAL REGULATIONS

- SI 2002/1689: CHIP Regulations 2002
 - SI 2002/2677: COSHH Regulations 2002
 - SI 1999/3242: Management of Health & Safety at work Regulations 1999
 - Health & Safety at work Act 1974
 - SI 1993/1643: environmental protection act 1993 & subsidiary regulations
- Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.

16. OTHER INFORMATION

 YILLONG CHEMICAL GROUP provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. YILLONG CHEMICAL GROUP MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, YILLONG CHEMICAL GROUP WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.
