



云南云天化股份有限公司  
YUNNAN YUNTIANHUA CO., LTD

YUNNAN YUNTIANHUA Co., Ltd.  
ADD: 657800 Shufu County, Yunnan Province  
TEL: +86-870-8662003  
FAX: +86-870-8636337

Issued:

Created: March 1, 2011

To whom it may concern:

### Information sheet on Specific Chemical Substances

We have been trying to control the chemical substances in our products and to collect their information. The chemical substances which attract considerable attention as environmental hazardous substances are chose by our original judgment and their inclusion/non-inclusion status are answered.

Base on the RoHS Directive 2002/95/EC and its subsequent amendments, also accord to our customers recruits abort many limited poisonous substances, the conclusion is our product comply with the requirements.

Regarding YUNTIANHUA acetal copolymer products:

M25/ M90/M90-01/M120/M270/M350/M450

We hereby confirm that the intentional composition of the above mentioned products do not contain the following substances:

#### 1. RoHS

In accordance with the RoHS Directive 2002/72/EC, and its amendment directives.

No	Material group name	Presence
1	Cadmium(Cd)	NO
2	Lead (Pb)	NO
3	Mercury (Hg)	NO
4	Hexavalent Chromium (CrVI)	NO
Sum of PBBs		
5	Monobromobiphenyl	NO
6	Dibromobiphenyl	NO
7	Tribromobiphenyl	NO
8	Tetrabromobiphenyl	NO
9	Pentabromobiphenyl	NO
10	Hexabromobiphenyl	NO
11	Heptabromobiphenyl	NO
12	Octabromobiphenyl	NO
13	Nonabromobiphenyl	NO
14	Decabromobiphenyl	NO
Sum of PBDEs (Note 4)		



15	Monobromodiphenyl ether	NO
16	Dibromodiphenyl ether	NO
17	Tribromodiphenyl ether	NO
18	Tetrabromodiphenyl ether	NO
19	Pentabromodiphenyl ether	NO
20	Hexabromodiphenyl ether	NO
21	Heptabromodiphenyl ether	NO
22	Octabromodiphenyl ether	NO
23	Nonabromodiphenyl ether	NO
24	Decabromodiphenyl ether	NO

## 2. Polynuclear Aromatic Hydrocabons (PAHs)

No	Material group name	Presence
1	Naphthalene (NAP)	NO
2	Acenaphthylene (ANY)	NO
3	Acenaphthene (ANA)	NO
4	Fluorene (FLU)	NO
5	Phenanthrene (PHE)	NO
6	Anthracene (ANT)	NO
7	Fluoranthene (FLT)	NO
8	Pyrene (PYR)	NO
9	Benzo(a)anthracene (BaA)	NO
10	Chrysene (CHR)	NO
11	Benzo(b)fluoranthene (BbF)	NO
12	Benzo(k)fluoranthene (BkF)	NO
13	Benzo(a)pyrene (BaP)	NO
14	Indeno(1,2,3-c,d)pyrene (IPY)	NO
15	Dibenzo(a,h)anthracene (DBA)	NO
16	Benzo(g,h,i)perylene (BPE)	NO

## 3. Phthalates

No	Material group name	Presence
1	Dibutyl Phthalate (DBP)	NO
2	Benzylbutyl Phthalate (BBP)	NO
3	Bis-(2-ethylhexyl) Phthalate (DEHP)	NO
4	Diisononyl Phthalate (DINP)	NO
5	Di-n-octyl Phthalate (DNOP)	NO
6	Diisodecyl Phthalate (DIDP)	NO

## 4. PFOS (Perfluorooctane Sulfonates)

No	Material group name	Presence
----	---------------------	----------

	PFOS (Perfluorooctane Sulfonates)	NO
--	-----------------------------------	----

#### 5. Halogen

No	Material group name	Presence
1	Fluorine (F)	NO
2	Chlorine (Cl)	NO
3	Bromine (Br)	NO
4	Iodine (I)	NO

#### 6. Dimethyl fumarate(DMF)

No	Material group name	Presence
1	Dimethyl fumarate(DMF)	NO

#### 7. Tinorganic compounds

No	Material group name	Presence
1	Monobutyltin compounds (MBT)	NO
2	Dibutyltin compounds (DBT)	NO
3	Tributyltin compounds (TBT)	NO
4	Tetrabutyltin compounds (TeBT)	NO
5	Monooctyltin compounds (MOT)	NO
6	Diocetyl tin compounds (DOT)	NO
7	Tricyclohexyltin compounds (TcyT)	NO
8	Triphenyltin compounds (TPhT)	NO

#### 8. Other substance

No	Material group name	Presence
1	Nickel (Ni)	NO
2	Beryllium(Be)	NO
3	Hexachlorobenzene(HCB)	NO
4	Bisphenol A	NO