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Headway(Shanghai)Testing Service Co.,Ltd,was founded in 2008.Shanghai,China.
We engaged in providing professional international third-party testing,certification,audit,inspection,calibration and consulting services.
Our services range from manufacturing industries to toys and their accessories,from the mining, petrochemical to and consumer goods and retailing,from foods,agricultural products to electrical and electronic appliances.
Whatever you are engaged in,we can always help you to achieve your goals from design and product development,management,production process,supply chain,safety and quality control.We help you maintain your brand names and guarantee your product's quality.
We have a powerful database: www.labtesting.cn and an industry information networks that we can always find solutions for you.

Material Safety Data Sheet

1 Identification of the substance/preparation and of the company/undertaking

.Product details

.Trade name: 30 colors water painting cakes

.Manufacturer/Supplier: TDV/Hachette

.Further information obtainable from: TDV/Hachette

.Information in case of emergency: TDV/Hachette

2 Hazards identification

Classification of the substance or mixture

.Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]: Not classified.

.Classification of the substance or mixture

.Classification EC 67/548 or EC 1999/45

Not classified.

.Label elements

.Labelling EC 67/548 or EC 1999/45

Not classified.

.Labelling Regulation EC 1272/2008 (CLP)

Not classified.

Other hazards

Other hazards : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

3 Composition/information on ingredients

.Description: Mixture of substances listed below with additions.

Black Ink

	Components	CAS No.	Approximate(%)by Wt.Or Vol.
2	Pigment red	7023-61-2	0.8
	Rose Red	16043-40-6	7.2
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	CAS No.	Approximate(%)by Wt.Or Vol.
8	Pigment red	7023-61-2	2.8
	Black	1333-86-4	1.2

	Orange	*3520-72-7*	*4*
	Peach-Gel	*144476-54-0*	*15*
	Calcium Carbonate	*471-34-1*	*77*

	Components	***CAS No.***	***Approximate(%)by Wt.Or Vol.***
10	*Orange*	*3520-72-7*	*6.4*
	Blue	*147-14-8*	*1*
	White/Titanium dioxide	*1317-80-2*	*0.6*
	Peach-Gel	*144476-54-0*	*15*
	Calcium Carbonate	*471-34-1*	*77*

	Components	***CAS No.***	***Approximate(%)by Wt.Or Vol.***
11	*Black*	*1333-86-4*	*6.7*
	White/Titanium dioxide	*1317-80-2*	*1.3*
	Peach-Gel	*144476-54-0*	*15*
	Calcium Carbonate	*471-34-1*	*77*

	Components	***CAS No.***	***Approximate(%)by Wt.Or Vol.***
12	*Black*	*1333-86-4*	*8*
	Peach-Gel	*144476-54-0*	*15*
	Calcium Carbonate	*471-34-1*	*77*

	Components	***CAS No.***	***Approximate(%)by Wt.Or Vol.***
15	*Black*	*1333-86-4*	*0.8*
	White/Titanium dioxide	*1317-80-2*	*1*
	Yellow	*5102-83-0*	*5.4*
	Green G	*1328-53-6*	*0.8*
	Peach-Gel	*144476-54-0*	*15*
	Calcium Carbonate	*471-34-1*	*77*

	Components	***CAS No.***	***Approximate(%)by Wt.Or Vol.***
16	*Blue*	*147-14-8*	*6.8*
	White/Titanium dioxide	*1317-80-2*	*0.8*
	Green G	*1328-53-6*	*0.4*
	Peach-Gel	*144476-54-0*	*15*

	Calcium Carbonate	471-34-1	77

	Components	CAS No.	Approximate(%)by Wt.Or Vol.
19	Blue	147-14-8	8
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	CAS No.	Approximate(%)by Wt.Or Vol.
20	Black	1333-86-4	0.1
	Blue	147-14-8	2.4
	White/Titanium dioxide	1317-80-2	0.8
	Green G	1328-53-6	4.7
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	CAS No.	Approximate(%)by Wt.Or Vol.
21	White/Titanium dioxide	1317-80-2	0.7
	Yellow	5102-83-0	6.8
	Green G	1328-53-6	0.5
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	CAS No.	Approximate(%)by Wt.Or Vol.
22	White/Titanium dioxide	1317-80-2	1
	Yellow	5102-83-0	2
	Green G	1328-53-6	5
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	CAS No.	Approximate(%)by Wt.Or Vol.
23	Blue	147-14-8	0.4
	White/Titanium dioxide	1317-80-2	0.8
	Yellow	5102-83-0	2
	Green G	1328-53-6	2.8
	Peach-Gel	144476-54-0	15

	Calcium Carbonate	471-34-1	77

	Components	CAS No.	Approximate(%)by Wt.Or Vol.
24	Blue	147-14-8	1.6
	White/Titanium dioxide	1317-80-2	0.4
	Green G	1328-53-6	6
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	CAS No.	Approximate(%)by Wt.Or Vol.
26	White/Titanium dioxide	1317-80-2	0.7
	BGS Blue	57455-37-5	7.3
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	CAS No.	Approximate(%)by Wt.Or Vol.
27	Violet	1047-16-1	1.6
	Blue B	1325-82-2	6.4
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	CAS No.	Approximate(%)by Wt.Or Vol.
28	White/Titanium dioxide	1317-80-2	0.7
	Purple	6358-30-1	7.3
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	CAS No.	Approximate(%)by Wt.Or Vol.
29	Violet	1047-16-1	7.8
	Purple	6358-30-1	0.2
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	CAS No.	Approximate(%)by Wt.Or Vol.

30	*Blue*	*147-14-8*	*2.4*
	Violet	*1047-16-1*	*5.6*
	Peach-Gel	*144476-54-0*	*15*
	Calcium Carbonate	*471-34-1*	*77*

	Components	**CAS No.**	**Approximate(%)by Wt.Or Vol.**
32	*Pigment red*	*7023-61-2*	4
	Rose Red	*16043-40-6*	4
	Peach-Gel	*144476-54-0*	*15*
	Calcium Carbonate	*471-34-1*	*77*

	Components	**CAS No.**	**Approximate(%)by Wt.Or Vol.**
34	*Rose Red*	*16043-40-6*	*7.9*
	Purple	*6358-30-1*	*0.1*
	Peach-Gel	*144476-54-0*	*15*
	Calcium Carbonate	*471-34-1*	*77*

	Components	**CAS No.**	**Approximate(%)by Wt.Or Vol.**
35	*Pigment red*	*7023-61-2*	*0.6*
	Orange	*3520-72-7*	*5.6*
	Blue	*147-14-8*	*1.2*
	White/Titanium dioxide	*1317-80-2*	*0.6*
	Peach-Gel	*144476-54-0*	*15*
	Calcium Carbonate	*471-34-1*	*77*

	Components	**CAS No.**	**Approximate(%)by Wt.Or Vol.**
38	*Black*	*1333-86-4*	*0.1*
	Orange	*3520-72-7*	*7.1*
	Pigment Red	*6410-26-0*	*0.8*
	Peach-Gel	*144476-54-0*	*15*
	Calcium Carbonate	*471-34-1*	*77*

	Components	**CAS No.**	**Approximate(%)by Wt.Or Vol.**
39	*Orange*	*3520-72-7*	*5.9*
	White/Titanium dioxide	*1317-80-2*	*0.7*

	Yellow	5102-83-0	2.4
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	**CAS No.**	**Approximate(%)by Wt.Or Vol.**
40	Orange	3520-72-7	6
	Yellow	5102-83-0	2
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	**CAS No.**	**Approximate(%)by Wt.Or Vol.**
41	Black	1333-86-4	0.1
	Orange	3520-72-7	7.9
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	**CAS No.**	**Approximate(%)by Wt.Or Vol.**
42	Orange	3520-72-7	6.5
	White/Titanium dioxide	1317-80-2	1.5
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	**CAS No.**	**Approximate(%)by Wt.Or Vol.**
44	Orange	3520-72-7	6.8
	White/Titanium dioxide	1317-80-2	0.5
	Yellow	5102-83-0	0.7
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	**CAS No.**	**Approximate(%)by Wt.Or Vol.**
45	White/Titanium dioxide	1317-80-2	1.2
	Yellow	5102-83-0	6.8
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	CAS No.	Approximate(%)by Wt.Or Vol.
46	Black	1333-86-4	0.1
	White/Titanium dioxide	1317-80-2	0.6
	Yellow	5102-83-0	7.3
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

	Components	CAS No.	Approximate(%)by Wt.Or Vol.
47	White/Titanium dioxide	1317-80-2	0.8
	Pigment yellow 74	6358-31-2	7.2
	Peach-Gel	144476-54-0	15
	Calcium Carbonate	471-34-1	77

4 First aid measures

.After inhalation: The material is not expected to present an inhalation hazard.

.After skin contact: Cool skin rapidly if contacted with molten polymer. Obtain medical attention for thermal bums..

.After eye contact: No harmful in normal used

.After swallowing: If symptoms persist consult doctor.

. Ingestion: No adverse health effects expected from ingestion.

.After first aid, get appropriate in-plant , paramedic, or community medical support.

5 Fire-fighting measures

.General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Decomposes at high temperatures, resulting in toxic and corrosive products. Containers may explode when heated.

.Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam. Cool containers with flooding quantities of water until well after fire is out.

.Flash Point: Not available.

.LEL: Not Determined.

.UEL: Not Determined.

.Special fire & explosion hazards: Dense smoke emitted when burned without sufficient oxygen. Possible dust explosion if fines accumulate. Wear standard firefighting attire.

.Exiting using media: Dry Chemical, Carbon Dioxide, and Foam.

.Unusual Fire or Explosion Hazards: None.

6 Accidental release measures

.Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

.Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

7 Handling and storage

The regulations relating to storage remises apply to workshop where the product is handled :

.Handling: Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Wear protective goggles and gloves when handling material. Clean cloths must be worn. Observe all warnings and precautions listed for the product.

.Storage: Store in tightly closed original container, in a cool & dry area away from heat sources & protected from light. Avoid dust formation and control ignition sources. Keep air contact to a minimum.

.Further information about storage condition: None.

8 Exposure controls/personal protection

.Ventilation and Engineering controls:

No special ventilation and engineering controls are required for handling of these products.

.Respiratory Protection:

No special respiratory protection is required for use of these products. If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHS Standard, applicable U.S. State regulations, or the Canadian CSA standard.

.Body Protection:

No special protective clothing is required.

9 Physical and chemical properties

.General Information	
Form:	Liquid
Color:	Color
Odor:	Odorless
.Change in condition	
Melting point/Melting range:	Not available
Boiling point/Boiling range:	Not available
.Flash point:	Not available
.Self-igniting:	Product is not self-igniting
.Danger of explosion:	Not available
.Density:	Not available

.Relative density:	Not available
.Vapor density:	Not available
.Evaporation rate	Not available
.Solubility in/Miscibility with Water:	Mixed
.PH-Value:	Not available
.Viscosity: Dynamic:	Not available

10 Stability and reactivity

.Chemical Stability: The product is stable.

.Conditions to Avoid: N.A

.Incompatibilities with Other Materials: Incompatible or reactive with fluorine gas, oxidizing agents (nitric acid and perchloric acid), free halogens, benzene, petroleum ether, gasoline and lubricating oils, and aromatic and chlorinated hydrocarbons.

.Hazardous Decomposition Products: The following combustion products may be generated: carbon dioxide, carbon monoxide, water vapor, and trace volatile organic compounds.

.Hazardous Polymerization: Hazardous polymerization will not occur.

11 Toxicological information

.Toxicity to Animals:

LD50: Not available.

LC50: Not available.

.Other Toxic Effects on Humans: None

.on the skin: Irritant to skin and mucous membranes if soluble

.on the eye: None Determined.

.Carcinogenicity: None Determined.

.Mutagenicity: None Detemined.

.Teratogenicity: None Determined

12 Ecological information

.Instability: Not applicable.

.Persistence/Degradability: Like plastic in the long term.

.Environmental Precautions: It must be disposed of by incineration or in an authorized waste deposit.

13 Disposal considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

.Waste Disposal Methods: Disposal must be done as territory and /or local government regulations. .Waste management

information will help to receive the best results.

.Disposal of packaging: *Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment.*

14 Transport information

.DOT Classification for Bulk Shipments (non bulk shipments may differ): *Not a DOT controlled material (United States).*

.DOT Proper Shipping Name: *Not applicable.*

.UN Number: *Not applicable.*

.Packing Group: *Not applicable.*

.USCG Proper Shipping Name: *Polypropylene*

.Marine Pollutant: *Not available.*

.Hazardous Substance Reportable Quantity: *Not available.*

.Special Provisions for Transport: *Not applicable.*

.TDG Classification: *Not controlled under TDG (Canada).*

.ADR/RID Classification: *Not controlled under ADR(Europe)*

.IMO/IMDG Classification: *Not Controlled under IMDG.*

.ICAO/IATA Classification: *Not controlled under IATA.*

15 Regulatory information

.HCS Classification: This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

.U.S. Federal Regulation:

.TSCA inventory: *All components are listed or exempted.*

.SARA 301/302/303

No chemicals in this product are listed as extremely hazards substances in 40 CFR 355, Emergency Planning And Notification (Appendix A to Part 355).

.International Regulations

.WHMIS: *Not controlled under WHMIS*

.EINECS: *Not available.*

.DSCL: *Not controlled under DSCL*

.International Lists: *No products were found.*

.State Regulation: *No products were found. California Prop.65: There are no Proposition 65 chemicals present in our polypropylene resins at levels that would require a warning under the California Safe Drinking Water and Toxic Enforcement Act.*

16 Other information

The contents and format of this MSDS/SDS are in accordance with REGULATION (EC) No 1907/2006, REGULATION (EC) No 1272/2008, EU Commission Directive 1999/45/EC, 1967/548/EEC.

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End of document

**********The End**********