

Safety Data Sheet

29 CFR 1910.1200

Printing date 04/14/2021

Version number 1

Reviewed on 04/14/2021

1 Identification

- **Product identifier**
- **SPR Product number:**
ITA36199/ITA36200/ITA36201/ITA36202/ITA36203/ITA36204/ITA39059/ITA39060/ITA36156/ITA36157/ITA36158/ITA36159/ITA30035/ITA30036/ITA30079/ITA30080/ITA99690/ITA99691/ITA99692/ITA99693/ITA36194/ITA36193
- **Recommended use of the chemical and restrictions on use**
- **Application of the substance / the preparation:** Writing
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Beifa Group Co.,Ltd.
No.68 weiliu road, Xiaogang,Beilun,Ningbo,China. Tel:
+86 150 5884 1454/ +86 574 5678 6630
Email:446145233@qq.com
Fax: +86 574 5678 6259
- **Other US contact point:** Not available
- **Further information obtainable from:** Beifa Group Co.,Ltd.
- **Emergency telephone number:**
Frida
Tel: +86 150 5884 1454
Poison Center
Tel: +1 800 222 1222
- **Remark:**
This sample is likely to be classified as article and is out of scope of a SDS as set out in 29 CFR Part 1910.1200. This SDS is generated for client's reference only.

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Information concerning particular hazards for human and environment:**
The product has not to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Classification system:**
The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **Label elements**
- **Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**
- **Hazard pictograms** Not applicable.
- **Signal word** Not applicable.
- **Hazard-determining components of labeling:** Not applicable.
- **Hazard statements** Not applicable.
- **Precautionary statements** Not applicable.
- **Hazards not otherwise classified (HNOC)** No further relevant information available.

3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:**
Mixture of the substances listed below with nonhazardous additions.
For the wording of the listed hazard statements refer to Section 16.

- **Composition:**

9003-54-7	Styrene-acrylonitrile copolymer	35-40%
9003-07-0	polypropylene	15-20%
25037-45-0	Polycarbonate	10-15%

(Contd. on page 2)
USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 04/14/2021

Version number 1

Reviewed on 04/14/2021

		(Contd. of page 1)
9003-56-9	2-Propenenitrile, polymer with 1,3-butadiene and ethenylbenzene	10-15%
9003-55-8	styrene-butadiene rubber	5-10%
7440-50-8	copper	1-3%
7732-18-5	Water	0.3-0.35%
25322-68-3	polyethylene glycol	0.075-0.13%
56-81-5	Glycerol	0.075-0.13%
1333-86-4	carbon black	0.005-0.03%
147-14-8	Pigment Blue 15	0.01-0.04%
2786-76-7	Pigment Red 170	0.01-0.03%
1328-53-6	Pigment Green 7	0.015-0.03%
112-27-6	2,2'-(ethylenedioxy)diethanol	0.005-0.03%
9003-01-4	Polyacrylic acid	0-0.003%
124-68-5	2-amino-2-methylpropanol	0-0.003%
	⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319	
980-26-7	Pigment Red 122	0.01-0.02%
5567-15-7	Pigment Yellow 83	0.01-0.02%
6358-30-1	Pigment violet 23	0.005-0.02%
7429-90-5	aluminium	0.015-0.03%
13463-67-7	titanium dioxide	0.075-0.09%
57-55-6	1,2-Propanediol	0.05-0.075%
11138-66-2	Xanthan gum	0-0.005%

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
Never give anything by mouth to an unconscious person.
Seek medical treatment.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Special protective equipment and precautions for firefighters**
- **Protective equipment:**
Mouth respiratory protective device.
Wear fully protective suit.

USA

(Contd. on page 3)

Safety Data Sheet

29 CFR 1910.1200

Printing date 04/14/2021

Version number 1

Reviewed on 04/14/2021

(Contd. of page 2)

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
 - Ensure adequate ventilation.
 - Avoid formation of dust.
 - Use respiratory protective device against the effects of fumes/dust/aerosol.
 - Avoid contact with eyes.
 - Avoid contact with skin.
- **Environmental precautions:** Do not allow to enter sewers/ surface or groundwater.
- **Methods and material for containment and cleaning up:**
 - Pick up mechanically.
 - Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Precautions for safe handling:**
 - Keep away from heat and direct sunlight.
 - Ensure good ventilation/exhaustion at the workplace.
 - Prevent formation of dust.
 - Avoid contact with eyes and skin.
 - For the general occupational hygienic measures refer to Section 8.
- **Information about protection against explosions and fires:** Normal measures for preventive fire protection.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

7440-50-8 copper

PEL (USA) Long-term value: 1* 0.1** mg/m³
as Cu *dusts and mists **fume

REL (USA) Long-term value: 1* 0.1** mg/m³
as Cu *dusts and mists **fume

TLV (USA) Long-term value: 1* 0.2** mg/m³
*dusts and mists; **fume; as Cu

56-81-5 Glycerol

PEL (USA) Long-term value: 15* 5** mg/m³
mist; *total dust **respirable fraction

TLV (USA) TLV withdrawn-insufficient data human occup. exp.

25322-68-3 polyethylene glycol

WEEL (USA) Long-term value: 10 mg/m³
(H); MW>200

13463-67-7 titanium dioxide

PEL (USA) Long-term value: 15* mg/m³
*total dust

REL (USA) See Pocket Guide App. A

TLV (USA) Long-term value: 10 mg/m³

(Contd. on page 4)

USA

Safety Data Sheet

29 CFR 1910.1200

Printing date 04/14/2021

Version number 1

Reviewed on 04/14/2021

(Contd. of page 3)

57-55-6 1,2-Propanediol	
WEEL (USA)	Long-term value: 10 mg/m ³
7429-90-5 aluminium	
PEL (USA)	Long-term value: 15*; 5** mg/m ³ *Total dust; ** Respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m ³ as Al*Total dust**Respirable/pyro powd./weldingf.
TLV (USA)	Long-term value: 1* mg/m ³ as Al; *as respirable fraction
1333-86-4 carbon black	
PEL (USA)	Long-term value: 3.5 mg/m ³
REL (USA)	Long-term value: 3.5* mg/m ³ *0.1 in presence of PAHs; See Pocket Guide Apps.A+C
TLV (USA)	Long-term value: 3* mg/m ³ *inhalable fraction

· **Regulatory information**

PEL (USA): Guide to Occupational Exposure Values (OSHA PELs)
REL (USA): Guide to Occupational Exposure Values (NIOSH RELs)
TLV (USA): Guide to Occupational Exposure Values (TLV)
WEEL (USA): Guide to Occupational Exposure Values (AIHA WEELs)

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure**

· **Appropriate engineering controls:** See Section 7 for information about design of technical facilities.

· **Personal protective equipment**

· **Breathing equipment:** Suitable respiratory protective device recommended.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

USA

(Contd. on page 5)

Safety Data Sheet

29 CFR 1910.1200

Printing date 04/14/2021

Version number 1

Reviewed on 04/14/2021

(Contd. of page 4)

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· **Form:** Solid

· **Color:** black/blue/red/green/glitter yellow/glitter gold/glitter red/glitter pink/glitter blue/glitter sky blue/glitter green/glitter brown/glitter black/glitter silver/metallic gold/metallic orange/metallic red/metallic pink/metallic violet/metallic blue/metallic sky blue/metallic green/metallic gray/metallic silver/pastel yellow/pastel orange/pastel red/pastel pink/pastel violet/pastel sky blue/pastel green/pastel white

· **Odor:** Odorless

· **Odor threshold:** Not available.

· **pH-value:** Not available.

· **Change in condition**

· **Melting point/Melting range:** Not available.

· **Freezing point:** Not available.

· **Boiling point/Boiling range:** Not available.

· **Flash point:** Not available.

· **Flammability (solid, gaseous):** Not available.

· **Auto-Ignition temperature:** Not available.

· **Decomposition temperature:** Not available.

· **Explosion limits:**

· **Lower:** Not available.

· **Upper:** Not available.

· **Vapor pressure:** Not available.

· **Density:** Not available.

· **Relative density** Not available.

· **Vapor density** Not available.

· **Evaporation rate** Not available.

· **Solubility in / Miscibility with**

· **Water:** Not available.

· **Partition coefficient (n-octanol/water):** Not available.

· **Viscosity:**

· **Dynamic:** Not available.

· **Kinematic:** Not available.

· **Other information** No further relevant information available.

10 Stability and reactivity

· **Reactivity** No decomposition if used according to specifications.

· **Chemical stability** Stable under recommended storage conditions.

· **Possibility of hazardous reactions** No dangerous reactions known.

· **Conditions to avoid** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

· **Hazardous decomposition products:** No dangerous decomposition products known.

USA

(Contd. on page 6)

Safety Data Sheet

29 CFR 1910.1200

Printing date 04/14/2021

Version number 1

Reviewed on 04/14/2021

(Contd. of page 5)

11 Toxicological information

· **Acute toxicity**

· **LD/LC50 values that are relevant for classification:**

9003-54-7 Styrene-acrylonitrile copolymer

Oral	LD50	1,000 mg/kg (mouse)
		1,800 mg/kg (rat)

25322-68-3 polyethylene glycol

Oral	LD50	27,500 mg/kg (rat)
Dermal	LD50	>20,000 mg/kg (rabbit)

56-81-5 Glycerol

Oral	LD50	4,090 mg/kg (mouse)
		12,600 mg/kg (rat)
		27,000 mg/kg (rabbit)

1333-86-4 carbon black

Oral	LD50	15,400 mg/kg (rat)
Dermal	LD50	3,000 mg/kg (rabbit)

147-14-8 Pigment Blue 15

Oral	LD50	>2,000 mg/kg (rat)
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112-27-6 2,2'-(ethylenedioxy)diethanol

Oral	LD50	17,000 mg/kg (rat)
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9003-01-4 Polyacrylic acid

Oral	LD50	4,600 mg/kg (mouse)
		2,500 mg/kg (rat)

980-26-7 Pigment Red 122

Oral	LD50	23,000 mg/kg (rat)
Dermal	LD50	>3,000 mg/kg (rabbit)

5567-15-7 Pigment Yellow 83

Oral	LD50	>5,000 mg/kg (rat)
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13463-67-7 titanium dioxide

Oral	LD50	>20,000 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rabbit)

57-55-6 1,2-Propanediol

Oral	LD50	20,000 mg/kg (rat)
Dermal	LD50	20,800 mg/kg (rabbit)

· **Primary irritant effect**

- **Skin corrosion/irritation:** Irritating effect possible.
- **Serious eye damage/irritation:** Irritating effect possible.
- **Respiratory or skin sensitisation:** Sensitization possible.

· **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

9003-54-7	Styrene-acrylonitrile copolymer	3
9003-07-0	polypropylene	3
9003-55-8	styrene-butadiene rubber	3
13463-67-7	titanium dioxide	2B

(Contd. on page 7)

Safety Data Sheet

29 CFR 1910.1200

Printing date 04/14/2021

Version number 1

Reviewed on 04/14/2021

(Contd. of page 6)

1333-86-4	carbon black	2B
9003-01-4	Polyacrylic acid	3
· NTP (National Toxicology Program)		
None of the ingredients is listed.		
· OSHA-Ca (Occupational Safety & Health Administration)		
None of the ingredients is listed.		

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

· UN-Number	
· DOT, IMDG, IATA	Not applicable.
· UN proper shipping name	
· DOT, IMDG, IATA	Not applicable.
· Transport hazard class(es)	
· DOT, IMDG, IATA	
· Class	Not applicable.
· Packing group	
· DOT, IMDG, IATA	Not applicable.
· Environmental hazards	Not applicable.
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Not applicable.

USA

(Contd. on page 8)

Safety Data Sheet

29 CFR 1910.1200

Printing date 04/14/2021

Version number 1

Reviewed on 04/14/2021

(Contd. of page 7)

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

7440-50-8 copper

7429-90-5 aluminium

· **TSCA (Toxic Substances Control Act):**

All components have the value ACTIVE.

· **Proposition 65**

· **Chemicals known to cause cancer:**

13463-67-7 titanium dioxide

1333-86-4 carbon black

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **New Jersey Right-to-Know List:**

9003-54-7 Styrene-acrylonitrile copolymer

7440-50-8 copper

56-81-5 Glycerol

13463-67-7 titanium dioxide

57-55-6 1,2-Propanediol

7429-90-5 aluminium

1333-86-4 carbon black

124-68-5 2-amino-2-methylpropanol

· **New Jersey Special Hazardous Substance List:**

7429-90-5 aluminium

F3, RI

1333-86-4 carbon black

CA

· **Pennsylvania Right-to-Know List:**

7440-50-8 copper

56-81-5 Glycerol

13463-67-7 titanium dioxide

57-55-6 1,2-Propanediol

7429-90-5 aluminium

112-27-6 2,2'-(ethylenedioxy)diethanol

124-68-5 2-amino-2-methylpropanol

· **Pennsylvania Special Hazardous Substance List:**

7440-50-8 copper

E

7429-90-5 aluminium

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(Contd. on page 9)

Safety Data Sheet

29 CFR 1910.1200

Printing date 04/14/2021

Version number 1

Reviewed on 04/14/2021

(Contd. of page 8)

· **Carcinogenicity categories**· **EPA (Environmental Protection Agency):**

7440-50-8	copper	D
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· **TLV (Threshold Limit Value established by ACGIH):**

13463-67-7	titanium dioxide	A4
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7429-90-5	aluminium	A4
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1333-86-4	carbon black	A4
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· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

13463-67-7	titanium dioxide	
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1333-86-4	carbon black	
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· **National regulations**· **Additional classification according to Decree on Hazardous Materials:**· **REACH Regulation Annex XVII Restriction**

See Section 16 for information about restriction of use.

None of the ingredients is listed.

· **REACH Regulation Annex XIV Authorisation List**

None of the ingredients is listed.

16 Other information

· **Relevant phrases**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

· *****

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

· **Date of preparation / last revision 04/14/2021 / -**· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods DOT:

US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50:

Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety OSHA:

Occupational Safety & Health

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

· *****

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