

Safety Data Sheet
According to Hazard Communication Standard (29 CFR 1910.1200)

12 Shade of Grey – Acrylic paint open stock and sets

Issue date: 07/09/2015

Version 1.0

Revision date: 07/09/2015

1. Identification

Product name 12 Shades of Grey – Acrylic paint open stock and sets
Synonyms -
CAS # See section 3
Product code -
Product use -
Manufacturer/Supplier
Supplier(Manufacturer): SHANGHAI SIIC MARIE PAINTING MATERIALS CO., LTD.
Address: 3300 West Yan'an Road, Shanghai
Contact person(E-mail): maries@263.net
Telephone: +86-021-54762112
Fax: +86-021-64019175
Emergency telephone Number: +86-021-54762112

2. Hazard(s) identification

GHS classification
Physical hazards Not classified
Health hazards Sensitization - skin Category 1
Environmental hazards Not classified

GHS label elements

Hazard Pictograms



Signal word Warning
Hazard statement May cause an allergic skin reaction
Precautionary statement
Prevention Avoid breathing dust/fume/gas/mist/ vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves.
Response If on skin: Wash with plenty of water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
Storage Not applicable
Disposal Dispose of contents/container in accordance with local regulation.

3. Composition / information on ingredients

Components	CAS#	Percent
Acrylic Resin	9003-01-4	48.5 -74.5%

Material name: 12 Shades of Grey - Acrylic paint open stock and sets
Version #:1.0 Revision date:07-09-2015. Issue date:07-09-2015.

Triethanolamine	102-71-6	1.5%
Mould Inhibitor	2682-20-4	0.4%
Dispersing Agent	9084-06-4	0.5%
Hydroxyethyl Cellulose	9004-62-0	0.1%
P.W.6	13463-67-7	0-48%
P.Y.1	2512-29-01	0- 30%
P.Y.42	51274-00-1	0-49%
P.Y.98	32432-45-4	0- 30%
P.O.13	3520-72-7	0-1%
P.O.34	15793-73-4	0-13%
P.R.13	6535-47-3	0-6.9%
P.R.21	6410-26-0	0-27%
P.R.112	6535-46-2	0-28%
P.G.7	1328-53-6	0-17.5%
P.B.29	57455-37-5	0-36%
P.B.15:1	12239-87-1	0-25%
P.Br.6	52357-70-7	0-40%
P.Bk.7	1333-86-4	0-28%

0-36% percent of the mixture consists of component (s) of unknown toxicity.

4. First-aid Measures

First aid procedures

Eye contact	Wash affected eyes for at least 15 minutes under running water with eyelids held open.
Skin contact	Wash off thoroughly with ample water.
Inhalation	Keep patient calm, remove to fresh air.
Ingestion	Rinse mouth and then drink plenty of water.

Notes to physician Treat symptoms.

5. Fire-fighting measures

Flammable properties	Not available.
Extinguishing media	
Suitable extinguishing media	Use extinguishing agents appropriate for surrounding materials.
Unsuitable extinguishing media	Not available.
Firefighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Dispose of contaminated extinction water according to official regulations.
Hazardous combustion products	Carbon oxides, nitrogen oxides, nitrous gases.

6. Accidental release measures

Personal precautions	Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. For personal protection see section 8.
Environmental precautions	Avoid dispersal of spilled material and runoff. Collect material for recycling if possible.
Methods for cleaning up	For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with regulations.

7. Handling and storage

Handling

Avoid inhalation and skin and eye contact. Wear appropriate personal protective equipment.

Storage

Store in a cool location. Keep away from ignition sources. Store away from foodstuffs. Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls / personal protection

Control parameters:

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA:

Source	Ingredient	TWA	STEL	Peak	Notes
US ACGIH Threshold Limit Values (TLV)	Triethanolamine	5 mg/m ³	Not Available	Not Available	TLV® Basis: Eye & skin irr; BEIA
US OSHA Permissible Exposure Levels (PELs) - Table Z1	P.W.6	15 mg/m ³	Not Available	Not Available	Total dust
US ACGIH Threshold Limit Values (TLV)	P.W.6	10 mg/m ³	Not Available	Not Available	TLV® Basis: LRT irr
US NIOSH Recommended Exposure Limits (RELs)	P.W.6	Not Available	Not Available	Not Available	Ca See Appendix A
US OSHA Permissible Exposure Levels (PELs) - Table Z1	P.G.7	0.1 mg/m ³ / 1 mg/m ³	Not Available	Not Available	(as Cu) / (as Cu);Dusts and mists
US OSHA Permissible Exposure Levels (PELs) - Table Z3	P.G.7	5 mg/m ³ / 15 mg/m ³ / 15 mppcf /50 mppcf	Not Available	Not Available	Respirable fraction; All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by this limit, which is the same as the Particulates Not Otherwise Regulated (PNOR) limit in Table Z-1. / Total dust; All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by this limit, which is the same as the Particulates Not Otherwise Regulated

					(PNOR) limit in Table Z-1.
US OSHA Permissible Exposure Levels (PELs) - Table Z1	P.B.15:1	0.1 mg/m ³ / 1 mg/m ³	Not Available	Not Available	(as Cu) / (as Cu);Dusts and mists
US OSHA Permissible Exposure Levels (PELs) - Table Z1	P.Bk.7	3.5 mg/m ³	Not Available	Not Available	Not Available
US ACGIH Threshold Limit Values (TLV)	P.Bk.7	3 mg/m ³	Not Available	Not Available	TLV® Basis: Bronchitis
US NIOSH Recommended Exposure Limits (RELs)	P.Bk.7	3.5 mg/m ³	Not Available	Not Available	Ca See Appendix A See Appendix C

EMERGENCY LIMITS:

Ingredient	TEEL-1	TEEL-2	TEEL-3
Acrylic Resin	7.5 mg/m ³	83 mg/m ³	500 mg/m ³
Triethanolamine	15 mg/m ³	51 mg/m ³	1100 mg/m ³
P.W.6	10 mg/m ³	10 mg/m ³	10 mg/m ³
P.G.7	30 mg/m ³	330 mg/m ³	2000 mg/m ³
P.Bk.7	9 mg/m ³	99 mg/m ³	590 mg/m ³

Ingredient	Original IDLH	Revised IDLH
Acrylic Resin	Not Available	Not Available
Triethanolamine	Not Available	Not Available
Mould Inhibitor	Not Available	Not Available
Dispersing Agent	Not Available	Not Available
Hydroxyethyl Cellulose	Not Available	Not Available
P.W.6	N.E. mg/m ³ / N.E. ppm	5000 mg/m ³
P.Y.1	Not Available	Not Available
P.Y.42	Not Available	Not Available
P.Y.98	Not Available	Not Available
P.O.13	Not Available	Not Available
P.O.34	Not Available	Not Available
P.R.13	Not Available	Not Available
P.R.21	Not Available	Not Available
P.R.112	Not Available	Not Available
P.G.7	Not Available	Not Available
P.B.29	Not Available	Not Available
P.B.15:1	Not Available	Not Available
P.Br.6	Not Available	Not Available
P.Bk.7	N.E. mg/m ³ / N.E. ppm	1750 mg/m ³

Exposure controls:

Appropriate engineering controls: Use in a well-ventilated area.

Individual protection measures, such as personal protective equipment:

Eye / face protection	No special requirements. Wear face shield and safety glasses if necessary.
Skin protection	No special requirements. Wear gloves if necessary.
Respiratory protection	No special requirements. Wear appropriate protective mask if necessary.
General hygiene considerations	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

9. Physical and chemical properties

Appearance

Physical state	Liquid
Form	Liquid
Color	Various colors
Odor	Not available
Odor threshold	Not available
pH	Not available
Vapor pressure	Not available
Melting point/Freezing point	Not available
initial boiling point and boiling range	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Explosion limits	Not available
Vapor density	Not available
Relative density	Not available
Solubility (water)	Not available
Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Specific gravity	Not available
Flammability limits in air, upper, %by volume	Not available
Flammability limits in air, lower, % by volume	Not available
VOC	Not available
Percent volatile	Not available
Other data	
Viscosity	Not available

10. Stability and reactivity

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Incompatible materials.
Incompatible materials	Avoid contact with oxidizing agents, strong alkalis and strong acids.
Hazardous decomposition products	Carbon oxides, nitrogen oxides, nitrous gases.
Possibility of hazardous reactions	No dangerous reactions known.

11. Toxicological information

Toxicokinetics, metabolism and distribution:

Non-human toxicological data: Not available

Information on toxicological effects:

Acute toxicity:

Triethanolamine(CAS#102-71-6)

LD50(Oral, Rat): 6400 mg/kg bw
 LD50(Dermal, Rabbit): > 2000 mg/kg bw
 LC50(Inhalation, Rat): Not available
 Skin corrosion/Irritation: Not classified.
 Serious eye damage/irritation: Not classified
 Respiratory or skin sensitization: May cause an allergic skin reaction.
 Germ cell mutagenicity: Not classified
 Carcinogenicity: Not classified
 Reproductive toxicity: Not classified
 STOT- single exposure: Not classified
 STOT-repeated exposure: Not classified
 Aspiration hazard: Not classified

12. Ecological information

Toxicity:

Triethanolamine(CAS#102-71-6)

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	11800 mg/L	96h	Fish	OECD 203	N/A	N/A
EC50	609.88 mg/L	48h	Daphnia	OECD 202	N/A	N/A
EC50	512 mg/L	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability: Not available.
 Bioaccumulative potential: Not available.
 Mobility in soil: Not available.
 Results of PBT&vPvB assessment: Not available.
 Other adverse effects: No known significant effects or critical hazards.

13. Disposal considerations

Disposal instructions: Dispose of contents/container in accordance with local/regional/national/international regulations.
 Contaminated packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

Basic shipping requirements:

UN number: Not regulated
 Proper shipping: Not regulated
 name Hazard class: Not regulated

Packing group Not regulated
 Environmental hazards No

IATA

UN number Not regulated
 UN proper shipping name Not regulated
 Transport hazard class(es) Not regulated
 Packing group Not regulated
 Environmental hazards No

IMDG

UN number Not regulated
 UN proper shipping name Not regulated
 Transport hazard class(es) Not regulated
 Packing group Not regulated
 Environmental hazards No

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Acrylic Resin (9003-01-4) is found on the following regulatory lists	US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
Triethanolamine(102-71-6) is found on the following regulatory lists	US ACGIH Threshold Limit Values (TLV) US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
Mould Inhibitor(2682-20-4) is found on the following regulatory lists	US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
Dispersing Agent(9084-06-4) is found on the following regulatory lists	US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
Hydroxyethyl Cellulose(9004-62-0) is found on the following regulatory lists	US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
P.W.6(13463-67-7) is found on the following regulatory lists	US - Alaska Limits for Air Contaminants US - Hawaii Air Contaminant Limits US - Idaho - Limits for Air Contaminants US - Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants US ACGIH Threshold Limit Values (TLV) US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
P.Y.1(2512-29-0) is found on the following regulatory lists	US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
P.Y.42(51274-00-1) is found on the following regulatory lists	US - Alaska Limits for Air Contaminants US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
P.Y.98(32432-45-4) is found on the following regulatory lists	US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
P.O.13(3520-72-7) is found on the following regulatory lists	US - Alaska Limits for Air Contaminants US - California - Proposition 65 - Priority List for the Development of MADLs for Chemicals Causing Reproductive Toxicity

	<p>US - Hawaii Air Contaminant Limits</p> <p>US - Idaho - Limits for Air Contaminants</p> <p>US - Washington Toxic air pollutants and their ASIL, SQER and de minimis emission values</p> <p>US - Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants</p> <p>US ACGIH Threshold Limit Values (TLV)</p> <p>US EPCRA Section 313 Chemical List</p> <p>US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory</p>
P.O.34(15793-73-4) is found on the following regulatory lists	<p>US - Alaska Limits for Air Contaminants</p> <p>US - California - Proposition 65 - Priority List for the Development of MADLs for Chemicals Causing Reproductive Toxicity</p> <p>US - Hawaii Air Contaminant Limits</p> <p>US - Idaho - Limits for Air Contaminants</p> <p>US - Washington Toxic air pollutants and their ASIL, SQER and de minimis emission values</p> <p>US - Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants</p> <p>US ACGIH Threshold Limit Values (TLV)</p> <p>US EPCRA Section 313 Chemical List</p> <p>US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory</p>
P.R.13(6535-47-3) is found on the following regulatory lists	<p>US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory</p>
P.R.21 (6410-26-0) is found on the following regulatory lists	<p>US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory</p>
P.R.112 (6535-46-2) is found on the following regulatory lists	<p>US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory</p>
P.G.7 (1328-53-6) is found on the following regulatory lists	<p>US - Hawaii Air Contaminant Limits</p> <p>US - Idaho - Limits for Air Contaminants</p> <p>US - Washington Toxic air pollutants and their ASIL, SQER and de minimis emission values</p> <p>US - Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants</p> <p>US EPCRA Section 313 Chemical List</p> <p>US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory</p>
P.B.29(57455-37-5) is found on the following regulatory lists	<p>US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory</p>
P.B.15:1(12239-87-1) is found on the following regulatory lists	<p>US - Idaho - Limits for Air Contaminants</p> <p>US - Washington Toxic air pollutants and their ASIL, SQER and de minimis emission values</p> <p>US EPCRA Section 313 Chemical List</p> <p>US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory</p>
P.Br.6(52357-70-7) is found on the following regulatory lists	<p>US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory</p>
P.Bk.7(1333-86-4) is found on the following regulatory lists	<p>US - Alaska Limits for Air Contaminants</p> <p>US - Hawaii Air Contaminant Limits</p> <p>US - Idaho - Limits for Air Contaminants</p> <p>US - Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants</p> <p>US ACGIH Threshold Limit Values (TLV)</p>

16. Other information, including date of preparation or last revision**HMIS® ratings**

Health: 2

Flammability: 1

Physical hazard:

NFPA ratings

0 Health: 2

Flammability: 1

Instability: 0

Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Issue date

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