

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

12 Shades of Grey- Oil paint open stock and sets

Issue date: 07/22/2015

Version 1.0

Revision date: 07/22/2015

1. Identification

Product name 12 Shades of Grey – Oil paint open stock and sets

Synonyms -

CAS # See section 3

Product code -

Product use -

Manufacturer/Supplier

Supplier(Manufacturer):

Address:

Contact person(E-mail):

Telephone:

Fax:

Emergency telephone Number:

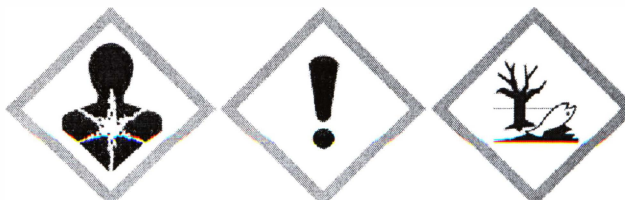
2. Hazard(s) identification

GHS classification

Physical hazards	Not classified	
Health hazards	Sensitization - skin	Category 1
	Toxic to reproduction	Category 2
Environmental hazards	Hazardous to the aquatic environment- ACUTE	Category 1
	Hazardous to the aquatic environment- CHRONIC	Category 1

GHS label elements

Hazard Pictograms



Signal word

Warning

Hazard statement

May cause an allergic skin reaction
Suspected of damaging fertility or the unborn child
Very toxic to aquatic life with long lasting effects

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. Wear protective gloves/protective.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Avoid release to the environment.

Response

If on skin: Wash with plenty of water.
If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

If exposed or concerned: Get medical advice/attention.

Collect spillage.

Storage

Store locked up.

Disposal

Dispose of contents/container in accordance with local regulation.

3. Composition / information on ingredients

Components	CAS#	Percent
Linseed oil	8001-26-1	25-39%
Bees Wax	8012-89-3	1.5-2%
Aluminum.stearate	637-12-7	2%
Cobalt.isooctoate	136-52-7	0.4%
Calcium carbonate	471-34-1	0-40.5%
silicon dioxide	7631-86-9	0-25.7%
P.W.5	1345-05-7	0-30%
P.W.4	1314-13-2	0-33.6%
P.R.101	1309-37-1	0-19%
P.Y.43	64294-91-3	0-15%
P.Y.42	51274-00-1	0-41%
P.Bk.7	1333-86-4	0-30%
P.B.29	57455-37-5	0-40%
P.B.15	147-14-8	0-31%
P.W.6	13463-67-7	0-34%
P.G.7	1328-53-6	0-31%
P.G.36	14302-13-7	0-10%
P.Y.98	32432-45-4	0-27%
P.Y.3	6486-23-3	0-20%
P.Y.12	6358-85-6	0-2%
P.O.13	3520-72-7	0-13%
P.R.13	6535-47-3	0-25%
P.R.48	3564-21-4	0-17%

0-55% percent of the mixture consists of component (s) of unknown toxicity.

4. First-aid Measures

First aid procedures

Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

Skin contact

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Inhalation

Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

DO NOT induce vomiting. Get medical attention immediately. 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

Oxides of carbon.

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

Do not discharge into drains, water courses or onto the ground. Avoid contaminating public drains or water supply. The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

Methods for cleaning up

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13. Flush residue using copious water.

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)	Aluminum. stearate	1 mg/m ³	Not Available	Not Available	TLV® Basis: Pneumoconiosis; LRT irr; neurotoxicity
US ACGIH Threshold Limit Values (TLV)	Aluminum. stearate	10 mg/m ³	Not Available	Not Available	TLV® Basis: Eye, skin, & URT irr
US NIOSH Recommended Exposure Limits (RELs)	Aluminum. stearate	5 mg/m ³ / 2 mg/m ³	Not Available	Not Available	Total dust
US OSHA Permissible Exposure Levels (PELs) - Table Z1	Calcium carbonate	15 mg/m ³ / 5 mg/m ³	Not Available	Not Available	Not Available
US NIOSH Recommended Exposure Limits (RELs)	Calcium carbonate	10 (total), 5 (resp) mg/m ³	Not Available	Not Available	Not Available

US NIOSH Recommended Exposure Limits (RELs)	Calcium carbonate	10 (total), 5 (resp) mg/m3	Not Available	Not Available	Not Available
US OSHA Permissible Exposure Levels (PELs) - Table Z1	silicon dioxide	Not Available	Not Available	Not Available	See Table Z-3
US OSHA Permissible Exposure Levels (PELs) - Table Z1	silicon dioxide	Not Available	Not Available	Not Available	See Table Z-3
US OSHA Permissible Exposure Levels (PELs) - Table Z1	silicon dioxide	Not Available	Not Available	Not Available	See Table Z-3;containing less than 1% crystalline silica
US OSHA Permissible Exposure Levels (PELs) - Table Z3	silicon dioxide	80/(%SiO2) mg/m3 / 20 mppcf	Not Available	Not Available	including natural diatomaceous earth
US NIOSH Recommended Exposure Limits (RELs)	silicon dioxide	6 mg/m3	Not Available	Not Available	Not Available
US OSHA Permissible Exposure Levels (PELs) - Table Z1	P.W.4	5 mg/m3 / 15 mg/m3	Not Available	Not Available	Total dust
US OSHA Permissible Exposure Levels (PELs) - Table Z3	P.W.4	5 mg/m3 / 15 mg/m3 / 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 ACGIH Threshold Limit Values (TLV)	P.W.4	2 mg/m3	10 mg/m3	Not Available	TLV® Basis: Metal fume fever
US NIOSH Recommended Exposure Limits (RELs)	P.W.4	Dust: 5 ,Fume: 5 mg/m3	Fume:10 mg/m3	Dust: 15 mg/m3	Not Available
US OSHA Permissible Exposure Levels (PELs)	P.R.101	10 mg/m3	Not Available	Not Available	Not Available

- Table Z1					
US ACGIH Threshold Limit Values (TLV)	P.R.101	5 mg/m ³	Not Available	Not Available	TLV® Basis: Pneumoconiosis
US NIOSH Recommended Exposure Limits (RELs)	P.R.101	5 mg/m ³	Not Available	Not Available	See Appendix D
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
US OSHA Permissible Exposure Levels (PELs) - Table Z1	P.B.15	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.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.

EMERGENCY LIMITS:

Ingredient	TEEL-1	TEEL-2	TEEL-3
Linseed oil	6 mg/m3	66 mg/m3	400mg/m3
Linseed oil	22 mg/m3	250mg/m3	1500 mg/m3
Calcium carbonate	27 mg/m3	27 mg/m3	1300mg/m3
Calcium carbonate	45 mg/m3	210mg/m3	1300mg/m3
silicon dioxide	6 mg/m3	6 mg/m3	6 mg/m3
silicon dioxide	6 mg/m3	6 mg/m3	630mg/m3
silicon dioxide	18 mg/m3	200mg/m3	1200mg/m3
silicon dioxide	0.07mg/m3	0.77mg/m3	4.6 mg/m3
silicon dioxide	0.3 mg/m3	0.3 mg/m3	1.6 mg/m3
silicon dioxide	6 mg/m3	6 mg/m3	85 mg/m3
silicon dioxide	0.9 mg/m3	9.9 mg/m3	59 mg/m3
P.W.4	10 mg/m3	15 mg/m3	2500mg/m3
P.R.101	15 mg/m3	360mg/m3	2200mg/m3
P.Bk.7	9 mg/m3	99 mg/m3	590mg/m3
P.W.6	10 mg/m3	10 mg/m3	10 mg/m3
P.G.7	30 mg/m3	330mg/m3	2000mg/m3
P.G.36	12 mg/m3	130mg/m3	790mg/m3

Ingredient	Original IDLH	Revised IDLH
Linseed oil	Not Available	Not Available
Bees Wax	Not Available	Not Available
Aluminum.stearate	Not Available	Not Available
Cobalt.isooctoate	Not Available	Not Available
Calcium carbonate	Not Available	Not Available
silicon dioxide	N.E. mg/m3 / N.E. ppm	3000 mg/m3
P.W.5	Not Available	Not Available
P.W.4	2500 mg/m3	500 mg/m3
P.R.101	N.E. mg/m3 / N.E. ppm	2500 mg/m3
P.Y.43	Not Available	Not Available
P.Y.42	Not Available	Not Available
P.Bk.7	N.E. mg/m3 / N.E. ppm	1750 mg/m3
P.B.29	Not Available	Not Available
P.B.15	Not Available	Not Available
P.W.6	N.E. mg/m3 / N.E. ppm	5000 mg/m3
P.G.7	Not Available	Not Available
P.G.36	Not Available	Not Available
P.Y.98	Not Available	Not Available
P.Y.3	Not Available	Not Available
P.Y.12	Not Available	Not Available
P.O.13	Not Available	Not Available
P.R.13	Not Available	Not Available

P.R.48	Not Available	Not Available
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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 Oxides of carbon.

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:

Cobalt.isooctoate(CAS#136-52-7)

LD50(Oral, Rat): 3129 mg/kg bw (female)

LD50(Dermal, Rabbit): Not available

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: Suspected of damaging fertility or the unborn child

STOT- single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

12. Ecological information

Toxicity:

Cobalt.isooctoate(CAS#136-52-7)

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	2618 µg/L	48h	Daphnia	OECD 202	N/A	N/A
EC50	144 µg/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: Very toxic to aquatic life with long lasting effects.

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

Material name: 12 Shades of Grey - Oil paint open stock and sets
 #:1.0 Revision date: 07-22-2015. Issue date: 07-22-2015.

Basic shipping requirements:

UN number 3082
 Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
 N.O.S.(Cobalt.isooctoate, P.W.4)
 Hazard class 9
 Packing group III
 Environmental hazards Yes

IATA

UN number 3082
 UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
 N.O.S.(Cobalt.isooctoate, P.W.4)
 Transport hazard class(es) 9
 Packing group III
 Environmental hazards Yes

IMDG

UN number 3082
 UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
 N.O.S.(Cobalt.isooctoate, P.W.4)
 Transport hazard class(es) 9
 Packing group III
 Environmental hazards Yes

15. Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Linseed oil(8001-26-1) is found on the following regulatory lists	US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
Bees Wax(8012-89-3) is found on the following regulatory lists	US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
Aluminum.stearate(637-12-7) is found on the following regulatory lists	US ACGIH Threshold Limit Values (TLV) US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
Cobalt.isooctoate(136-52-7) is found on the following regulatory lists	US EPCRA Section 313 Chemical List US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
Calcium carbonate(471-34-1) 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 Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
silicon dioxide(7631-86-9) 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 - Idaho - Toxic and Hazardous Substances - Mineral Dust US - Washington Toxic air pollutants and their ASIL, SQER and de minimis emission values

	<p>US - Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants</p> <p>US - Wyoming Toxic and Hazardous Substances Table Z-3 Mineral Dusts</p> <p>US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory</p>
P.W.5(1345-05-7) is found on the following regulatory lists	<p>US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory</p>
P.W.4(1314-13-2) 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> <p>US EPCRA Section 313 Chemical List</p> <p>US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory</p>
P.R.101(1309-37-1) 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> <p>US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory</p>
P.Y.43(64294-91-3) is found on the following regulatory lists	<p>Not Applicable</p>
P.Y.42(51274-00-1) is found on the following regulatory lists	<p>US - Alaska Limits for Air Contaminants</p> <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> <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(147-14-8) 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 EPCRA Section 313 Chemical List</p> <p>US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory</p>
P.W.6(13463-67-7) 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> <p>US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory</p>
P.G.7(1328-53-6) is found on the	<p>US - Hawaii Air Contaminant Limits</p>

following regulatory lists	US - Idaho - Limits for Air Contaminants US - Washington Toxic air pollutants and their ASIL, SQER and de minimis emission values US - Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants US EPCRA Section 313 Chemical List US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
P.G.36(14302-13-7) is found on the following regulatory lists	US - Hawaii Air Contaminant Limits US - Idaho - Limits for Air Contaminants US - Washington Toxic air pollutants and their ASIL, SQER and de minimis emission values 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.Y.3(6480-23-3) is found on the following regulatory lists	US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
P.Y.12(6358-85-6) 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 US - Hawaii Air Contaminant Limits US - Idaho - Limits for Air Contaminants US - Washington Toxic air pollutants and their ASIL, SQER and de minimis emission values US - Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants US ACGIH Threshold Limit Values (TLV) US EPCRA Section 313 Chemical List 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 - Hawaii Air Contaminant Limits US - Idaho - Limits for Air Contaminants US - Washington Toxic air pollutants and their ASIL, SQER and de minimis emission values US - Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants US ACGIH Threshold Limit Values (TLV) US EPCRA Section 313 Chemical List US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
P.R.13(6535-47-3) is found on the following regulatory lists	US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
P.R.48(3564-21-4) is found on the following regulatory lists	US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory

16. Other information, including date of preparation or last revision

HMIS® ratings

Health: 3
Flammability: 1
Physical hazard: 0

NFPA ratings

Health: 3
Flammability: 1

Material name: 12 shades of Grey – Oil Paint open stock and sets
Version #: 1.0 Revision date: 07-22-2015. Issue date: 07-22-2015.

SDS US
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Instability: 0

Disclaimer

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

Issue date

07-22-2015