

Safety Data Sheet

Gray Mirror-Backing Paint – C2301

SDS Revision Date 9/28/20

1. Identification

Product Identity Gray Mirror-Backing Paint – C2301

Relevant identified uses of the substance or mixture and uses advised against

Intended use Commercial mirroring.

Details of the supplier of the safety data sheet

Company Name Angel Gilding Ltd.
1945 Gardner Road
Broadview IL 60155 USA

Emergency
24 hour Emergency Telephone 708-383-3340
Customer Service: Angel Gilding 708-383-3340

2. Hazard(s) identification

Label elements

Signal word Danger



GHS Ratings:

Flammable liquid	2
Skin corrosive	3
Mutagen	1B
Carcinogen	1A
Reproductive toxin	1B
Organ toxin repeated exposure	1
Aspiration hazard	1

GHS Hazards:

H225	Highly flammable liquid and vapor.
H304	May be fatal if swallowed and enters airways.
H316	Causes mild skin irritation.
H340	May cause genetic defects.
H350	May cause cancer.
H360	May damage fertility or the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.

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GHS Precautions:

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating, lighting, and material handling equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P314	Get Medical advice/attention if you feel unwell.
P331	Do NOT induce vomiting.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	If skin irritation occurs: Get medical advice/attention
P370+P378	In case of fire: Use dry chemical to extinguish.
P405	Store locked up.
P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container accordance with local/state/federal regulations.

3. Composition/information on ingredients

Chemical Name	CAS number	Weight Concentration %
Limestone	1317-65-3	54.26%
Barite (Ba(SO ₄))	13462-86-7	11.22%
Petroleum distillates, hydrotreated light	64742-47-8	9.73%
Solvent naphtha, petroleum, medium aliphatic	64742-88-7	4.87%
Titanium dioxide	13463-67-7	4.32%
Naphtha, petroleum, hydrotreated light	64742-49-0	2.13%
Xylenes (o-, m-, p- isomers)	1330-20-7	1.26%
Chlorinated paraffin waxes and hydrocarbon waxes	63449-39-8	0.64%
Carbon black	1333-86-4	0.48%
Quartz	14808-60-7	0.40%
Stoddard solvent	8052-41-3	0.13%

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4. First aid measures

- Eye Contact:** If irritation occurs, move away from exposed area and flush eyes with water for 15 minutes. If irritation continues, seek medical attention.
- Skin Contact:** Remove contaminated clothing. Flush exposed area with water and wash with soap and water. If irritation occurs, seek medical attention.
- Inhalation:** Move individual to fresh air. If breathing is difficult, administer oxygen and seek medical attention.
- Ingestion:** Do not induce vomiting. If vomiting does occur, seek medical attention and contact poison control.

5. Fire-fighting measures

- Extinguishing Media:** Foam, CO2, Dry Chemical, Water Fog
- Unusual Fire and Explosion Hazards:** Material may be flammable, use caution.
- Special Firefighting Procedures:** Normal fire fighting procedures may be used. Water may be used to cool containers to prevent pressure build up.

6. Accidental release measures

- Steps Taken:** Caution flammable. Eliminate any potential sources of ignition and hot surfaces away from spill. Dike area with sand and absorb with a non-combustible material.
- Special Precautions:** Store containers in a covered area. Use explosion proof electrical equipment. Keep away from heat, sparks and open flames. Do not smoke or eat in work area. Keep away from children..

7. Handling and storage

Handling and Storing Precautions: Keep container closed and from freezing when not in use. Store in original container away from heat, open flame or sources of ignition.

Hygienic Practices: As with all chemicals take all necessary precautions to avoid prolonged contact.

8. Exposure controls and personal protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Limes tone 1317-65-3	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)	Not Established	NIOSH: 10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)

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Barite (Ba(SO ₄)) 13462-86-7	Not Established	Not Established	Not Established
Petroleum distillates, hydrotreated light 64742-47-8	Not Established	Not Established	Not Established
Solvent naphtha, petroleum, medium aliphatic 64742-88-7	Not Established	Not Established	Not Established
Titanium dioxide 13463-67-7	15 mg/m ³ TWA (total dust)	10 mg/m ³ TWA	Not Established
Naphtha, petroleum, hydrotreated light 64742-49- 0	Not Established	Not Established	Not Established
Xylenes (o-, m-, p- isomers) 1330-20-7	100 ppm TWA; 435 mg/m ³ TWA	150 ppm STEL 100 ppm TWA	Not Established
Chlorinated paraffin waxes and hydrocarbon waxes 63449-39-8	Not Established	Not Established	Not Established
Carbon black 1333- 86-4	3.5 mg/m ³ TWA	3 mg/m ³ TWA (inhalable fraction)	NIOSH: 3.5 mg/m ³ TWA; 0.1 mg/m ³ TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)
Quartz 14808- 60-7	Not Established	0.025 mg/m ³ TWA (respirable fraction)	NIOSH: 0.05 mg/m ³ TWA (respirable dust)
Stoddard solvent 8052-41-3	500 ppm TWA; 2900 mg/m ³ TWA	100 ppm TWA	NIOSH: 350 mg/m ³ TWA 1800 mg/m ³ Ceiling (15 min)

Engineering Controls: Facilities that are storing or using these materials should have proper ventilation equipment, and proper eyewash and safety shower facilities.

Ventilation: Provide sufficient mechanical ventilation to maintain concentrations below exposure limits.

Respiratory Protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits, a suitable respirator must be worn. Avoid prolonged or repeated breathing of vapors.

Hand Protection: Wear chemical resistant gloves, neoprene, plastic coated, etc.

Eye Protection: Chemical splash proof safety goggles in compliance with OSHA regulations .If splashing is possible, wear necessary protective clothing and boots. Follow hand and eye safety procedures.

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9. Physical and chemical properties

<p>Appearance: No Data</p> <p>Vapor Pressure: No Data</p> <p>Vapor Density: No Data</p> <p>Specific Gravity: 1.823381276</p> <p>Freezing point: No Data</p> <p>Boiling range: 138°C</p> <p>Evaporation rate: No Data</p> <p>Explosive Limits: 1%</p> <p>Autoignition temperature: 465°C</p> <p>Viscosity: No Data</p> <p>VOC (Incl H2O & Exempt) lb/gal 2.40</p>	<p>Odor: No Data</p> <p>Odor threshold: No Data</p> <p>pH: No Data</p> <p>Melting point: No Data</p> <p>Solubility: No Data</p> <p>Flash point: 70 F, 21 C</p> <p>Flammability: No Data</p> <p>Partition coefficient (n-octanol/water): No Data</p> <p>Decomposition temperature: No Data</p> <p>VOC (Excl H2O & Exempt) lb/gal 2.40</p>
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10. Stability and reactivity

Stability: UNSTABLE

Incompatibilities: Avoid strong oxidizing agents, strong acids and bases.

Hazardous Decomposition: No Data Available

11. Toxicological information

Emergency Overview: Flammable. Harmful if inhaled or ingested. May cause eye and skin irritation. If exposed for long periods, may cause dizziness, headache or nausea.

Conditions Aggravated: Pre-existing eye, skin, heart and blood disorders may be aggravated by exposure to product.

Mixture Toxicity (Calculation Method):

Inhalation Toxicity LC50: 52mg/L

Routes of Entry: Ingestion, inhalation, skin absorption, skin contact, eye absorption, and eye contact.

Target Organs: Damage may be caused to blood, central nervous system, eyes, heart, kidneys, liver, skin, and upper respiratory tract.

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CAS Number	Description	% Weight	Carcinogen Rating
1333-86-4	Carbon Black	0.4802	Carbon black: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed
13463-67-7	Titanium dioxide	4.322	Titanium dioxide: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed
14808-60-7	Quartz	0.4024	Quartz: NIOSH: potential occupational carcinogen IARC: Human carcinogen OSHA: listed
63449-39-8	Chlorinated paraffin waxes and hydrocarbon waxes	0.6402	Chlorinated paraffin waxes and hydrocarbon waxes: IARC: Possible human carcinogen OSHA: listed
64742-49-0	Naphtha, petroleum, hydrotreated light	2.129	Naphtha, petroleum, hydrotreated light: EU REACH: Present (P)
8052-41-3	Stoddard solvent	0.1310	Stoddard solvent: EU REACH: Present (P)

12. Ecological information

Ecological Information: Ecological data are not available.

13. Disposal considerations

Waste Disposal Methods: Dispose of in accordance with local, state and federal regulations. Do not incinerate closed container.

14. Transport information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	UN1263, PAINT	1263	III	3
IATA	UN1263, PAINT	1263	III	3
IMDG	UN1263, PAINT	1263	III	3

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15. Regulatory information

California Proposition 65 Carcinogens:

Titanium dioxide 13463-67-7

Carbon black 1333-86-4

Quartz 14808-60-7

SARA 313 Chemicals: Xylenes (o-, m-, p- isomers) 1330-20-7

16. Other information

Prepared By
Revision Date

Angel Gilding Ltd.
September 28, 2020

Disclaimer

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications.

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End of Safety Data Sheet