Safety Data Sheet
according to HPR, Schedule 1

Date of issue 06/30/2026 Version number 18 Revision: 06/30/2026

*
1 Identification

· **Product identifier**

· **Trade name: REVELL SPRAY COLOR**
Different shades and gloss levels / metallic finishers
· **Other means of identification**
· **Article number:**
Dreisol:
matt:
R3600-0102; R3600-1115; R3600-1116; R3600-1188; R3600-2125; R3600-3136; R3600-5156; R3600-6146; R3600-7109; R3600-7157; R3600-7176; R3600-7178; R3600-8185; R3600-9105; R3600-9108; R3600-9190; R3600-9191; R3600-9194; R3600-9199

seidenmatt:
R3620-3330; R3620-7371; R3620-7374; R3620-9301; R3620-9302

glänzend:
R3680-0101; R3680-1112; R3680-3131; R3680-3134; R3680-5152; R3680-5200; R3680-9104; R3680-9107; R3680-0100

Revell:
matt:
34102; 34115; 34116; 34188; 34125; 34136; 34156; 34146; 34109; 34157; 34176; 34178; 34185; 34105; 34108; 34190; 34191; 34194; 34199

seidenmatt:
34330; 34371; 34374; 34301; 34302

glänzend:
34101; 34112; 34131; 34134; 34152; 34200; 34104; 34107; 39627
· **Application of the substance / the mixture** Coating material for model making

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Dreisol Coatings GmbH & Co.KG. Tel.: +49(0)5742-9300-0(Zentrale)
Industriestraße 4 Fax : +49(0)5742-9300-49
D-32361 Pr. Oldendorf-Bad Holzhausen E-Mail: mail@dreisol.de
http://www.dreisol.de

Carrera Revell Europe GmbH
Henschelstr. 20-30 Tel.: +49(0)5223-965-0
D-32257 Bünde http://www.revell.de

· **Information department:**
Product Safety Department Tel.: +49(0)5742-9300-41
E-mail address of the competent person: sdb@dreisol.de

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2 Hazard identification

· **Classification of the substance or mixture**



GHS02 Flame

Aerosols, Section 2.3.1 – Category 1 H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

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GHS08 Health hazard

Carcinogenicity – Category 2	H351	Suspected of causing cancer.



GHS07

Eye damage/irritation – Category 2A	H319	Causes serious eye irritation.
Sensitization - skin – Category 1	H317	May cause an allergic skin reaction.

· **Additional information:**
A marking with aspiration GHS 08 and H304 is in accordance with Regulation (EC) No 1272/2008 Annex I Nr.1.3.3. not necessary (aerosol packaging)

· **Label elements**
· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms**



GHS02 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**
ethylbenzene
methyl methacrylate
butyl methacrylate
· **Hazard statements**
Extremely flammable aerosol. Pressurized container: may burst if heated.
Causes serious eye irritation.
May cause an allergic skin reaction.
Suspected of causing cancer.
· **Precautionary statements**
Keep out of reach of children.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
IF ON SKIN: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Specific treatment (see on this label).
Take off contaminated clothing and wash it before reuse.

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If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Dangers to health**
· **Classification system:**
· **NFPA ratings (scale 0 - 4)**



Health = 2
Fire = 4
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 2
Fire = 4
Reactivity = 3

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3 Composition/Information on ingredients

· **Chemical characterization: Mixtures**

· **Dangerous components:**		
115-10-6	dimethyl ether	50-100% w/w *
	Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cyclic compounds (outside EU:CAS 64742-49-0))	12.5-20% w/w *
110-12-3	5-methylhexan-2-one	7-10% w/w *
	Hydrocarbobns C9 aromatics (outside EU: CAS64742-95-6)*	7-10% w/w *
64-17-5	ethanol	3-5% w/w *
100-41-4	ethylbenzene	0.1-0.2% w/w *

* Actual concentration ranges are withheld as a trade secret.

· **Additional information:**
*) Benzene content is less than 0.1% (EINECS-No. 200-753-7). It is P. Note
Contains no other ingredients (≥0,1%) that are classified as hazardous to health or the environment according to the current knowledge of the supplier and must be mentioned in this section.

4 First-aid measures

· **Description of first aid measures**
· **General information:** Immediately remove any clothing soiled by the product.
· **After inhalation:**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in side position for transportation.
· **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.

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· **After swallowing:** Do not induce vomiting; immediately call for medical help.

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5 Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:**
recommended: foam (if necessary alcohol resistant), carbon dioxide, extinguishing powder
· **For safety reasons unsuitable extinguishing agents:** Water with full jet
· **Special hazards arising from the substance or mixture**
Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazards.
· **Advice for firefighters**
· **Protective equipment:** Wear self-contained respiratory protective device.
· **Additional information**
Cool endangered receptacles with water spray.
Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**
Remove all sources of ignition. Provide adequate ventilation. Refer to protective measurer, listed in sections 7 and 8.
· **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
· **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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7 Handling and storage

· **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Keep receptacles tightly sealed.
Avoid contact with skin and eyes.
· **Information about protection against explosions and fires:**
Protect against electrostatic charges.
Keep ignition sources away - Do not smoke.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
Do not spray on a naked flame or any incandescent material.
Vapours are heavier than air and may spread along floors. Vapours may from explosive mixture with air.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Information about storage in one common storage facility:**
Keep away from foodstuffs, beverages and food.

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· **Further information about storage conditions:** Protect from heat and direct sunlight.
· **Storage class:** 2 B
· **Specific end use(s)** No further relevant information available.

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8 Exposure controls/ Personal protection

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**	
115-10-6 dimethyl ether	
EL	TWA: 1000 ppm
110-12-3 5-methylhexan-2-one	
EL	STEL: 50 ppm TWA: 20 ppm
EV	TWA: 233 mg/m³, 50 ppm
64-17-5 ethanol	
EL	STEL: 1000 ppm
EV	TWA: 1,900 mg/m³, 1,000 ppm
100-41-4 ethylbenzene	
EL	TWA: 20 ppm IARC 2B
EV	STEL: 540 mg/m³, 125 ppm TWA: 435 mg/m³, 100 ppm

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

· **Exposure controls**
· **Additional information about design of technical systems:**
Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing.
· **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
Filter A/P2
· **Protection of hands:**
The instructions and information provided by the glove manfacturer on use, storage, maintenance and replacement must be followed. Barrier creams may help to protect the exposed areas of the skin.
· **Material of gloves**
Gloves made of nitrile rubber or butyl rubber (0.4mm). Breakthrough time > 480min with full contact. Observe the glove manufacturer's specifications on permeability and breakthrough times and the special conditions at the workplace. In case of cracking or change of color, shape or elasticity the gloves have to be changed immediately.
· **Eye protection:** Tightly sealed goggles
· **Body protection:** Protective work clothing

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9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Physical state**	Aerosol
· **Color:**	According to product specification
· **Odor:**	Characteristic
· **Odor threshold:**	Not determined
· **Boiling point/Boiling range:**	-24 °C
· **Flammability:**	Not applicable
· **Explosion limits:**	
· **Lower:**	0.1 Vol %
· **Upper:**	27.7 Vol %
· **Flash point:**	-42 °C (DIN/ISO 3679)
· **Auto igniting:**	235 °C (DIN 51794)
· **Decomposition temperature:**	Not determined
· **pH-value:**	Not determined
· **Viscosity:**	
· **Kinematic:**	Not determined
· **Dynamic:**	Not determined
· **Solubility in / Miscibility with**	
· **Water:**	Not miscible or difficult to mix.
· **Partition coefficient (n-octanol/water):**	Not determined
· **Vapor pressure at 20 °C:**	5,200 hPa
· **Vapor pressure:**	
· **Density at 20 °C:**	0.82 g/cm³ (DIN/ISO 2811)
· **Relative density**	Not determined
· **Vapor density**	Not determined
· **Particle characteristics**	147-14-8 phthalocyanine blue: Number based particle size distribution - d10: 10-50 - d50: 10-100 - d90: 20-150 Crystallinity: crystalline nanoform Surface-to-volume ratio: 30 -94 7631-86-9 silicon dioxide, chemically prepared: Shape: Spheroidal Structure: amorphous forms Crystallinity: amorphous nanoform

· **Other information**	
· **Appearance:**	
· **Form:**	Aerosol
· **Important information on protection of health and environment, and on safety.**	
· **Danger of explosion:**	Not determined
· **Solvent content:**	
· **Organic solvents:**	90 %
· **VOC (EG)**	740.9 g/l
· **Solids content:**	10 %

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· **Evaporation rate** Not applicable.

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10 Stability and reactivity

· **Reactivity** No further relevant information available.
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:**
Stable under recommended storage and handling conditions (see section 7).
Hazardous products of decomposition could result at high temperatures.
· **Possibility of hazardous reactions**
In case of completly combustion tocix gases are developed including carbon monoxide.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.

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11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity:**
There are no data available on the preparation itself.
The mixture is classified under Regulation No 1272/2008 = CLP (EU-GHS) Regulation and the toxicological hazards. See Section 3 and 15 for details.

· **LD/LC50 values that are relevant for classification:**		
115-10-6 dimethyl ether		
Inhalative	LC50/4 h	308 mg/l (rat (Ratte))
Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cyclic compounds (outside EU:CAS 64742-49-0))		
Oral	LD50	5,000 mg/kg (rat (Ratte))
Dermal	LD50	3,000 mg/kg (rab)
110-12-3 5-methylhexan-2-one		
Oral	LD50	5,657 mg/kg (rat (Ratte))
Hydrocarbobns C9 aromatics (outside EU: CAS64742-95-6)*		
Oral	LD50	>2,000 mg/kg (rat (Ratte))
Dermal	LD50	>2,000 mg/kg (rab)
Inhalative	LC50/4 h	>5 mg/l (rat (Ratte))
64-17-5 ethanol		
Oral	LD50	10,470 mg/kg (rat (Ratte))
Dermal	LD50	>2,000 mg/kg (rab)
Inhalative	LC50/4 h	117-125 mg/l (rat (Ratte))
100-41-4 ethylbenzene		
Oral	LD50	3,500 mg/kg (rat (Ratte))
Dermal	LD50	15,500 mg/kg (rabbit)
Inhalative	LC50/4 h	17.2 mg/l (rat (Ratte))

· **Primary irritant effect:**
· **on the skin:** No irritant effect.
· **on the eye:** No irritating effect.

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· **Sensitization:** No sensitizing effects known.
· **Additional toxicological information:**

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**		
64-17-5	ethanol	1
1330-20-7	xylene, mixed isomers, pure	3
100-41-4	ethylbenzene	2B
1309-37-1	diiron trioxide	3
7631-86-9	silicon dioxide, chemically prepared	3
80-62-6	methyl methacrylate	3
97-88-1	butyl methacrylate	2B
1333-86-4	Carbon black	2B
108-88-3	toluene	3
98-82-8	Cumol	2B

· **NTP (National Toxicology Program)**		
98-82-8	Cumol	R

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12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**	
110-12-3 5-methylhexan-2-one	
LC50/96h	159 mg/l (fish)
EC50/72h	>100 mg/l (algae)
Hydrocarbobns C9 aromatics (outside EU: CAS64742-95-6)*	
LC/EC/IC50	> 1-≤10 mg/l (algae) > 1-≤10 mg/l (fish) > 1-≤10 mg/l (invertebrates (Wirbellose))
100-41-4 ethylbenzene	
LC50/96h	4.2 mg/l (Onchorhynchus mykiss (Regenbogenforelle))
EC50/48h	1.8-2.9 mg/l (daphnia magnia (Wasserfloh))
EC50/72h	4.6 mg/l (algae)

· **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**
· **Remark:** Harmful to fish
· **Other information:** There are no data available on the preparation itself.
· **Additional ecological information:**
· **General notes:**
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

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Harmful to aquatic organisms

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13 Disposal considerations

· **Waste treatment methods**
· **Recommendation:**
The relevant EU directives as well as local, regional and national regulations must be observed. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**
· **Recommendation:**
Disposal must be made according to official regulations.
Emptied containers must be sent for scrap recycling or reconditioning. Containers that have not been emptied properly are hazardous waste (waste code no. 150110).

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14 Transport information

· **UN-Number**	
· **DOT/TDG, ADR, IMDG, IATA**	UN1950
· **UN proper shipping name**	
· **DOT/TDG**	Aerosols, flammable
· **ADR**	1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS
· **IMDG**	AEROSOLS
· **IATA**	AEROSOLS, flammable
· **Transport hazard class(es)**	
· **Class**	2.1 Gases
· **Label**	2.1

· **ADR**



· **Class**	2 5F Gases
· **Label**	2.1

· **IMDG, IATA**



· **Class**	2.1 Gases
· **Label**	2.1
· **Packing group**	
· **DOT/TDG, ADR, IMDG, IATA**	not regulated

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· **Environmental hazards:**	
· **Marine pollutant:**	No
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable
· **Transport/Additional information:**	
· **DOT/TDG**	
· **Quantity limitations**	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
· **ADR**	
· **Excepted quantities (EQ)**	Code: E0 Not permitted as Excepted Quantity
· **IMDG**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E0 Not permitted as Excepted Quantity
· **Special precautions for user**	Warning: Gases
· **Hazard identification number (Kemler code):**	-
· **EMS Number:**	F-D,S-U
· **Stowage Code**	SW1 Protected from sources of heat. SW2 Clear of living quarters.
· **UN "Model Regulation":**	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

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15 Regulatory information

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

· **Per- and polyfluoroalkyl substances (PFAS)**

None of the ingredients is listed.

· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS02 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**
ethylbenzene
methyl methacrylate
butyl methacrylate

· **Hazard statements**
Extremely flammable aerosol. Pressurized container: may burst if heated.
Causes serious eye irritation.
May cause an allergic skin reaction.

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Suspected of causing cancer.

· **Precautionary statements**
Keep out of reach of children.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
IF ON SKIN: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Specific treatment (see on this label).
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

· **Water hazard class:** *Water hazard class 2 (Self-assessment): hazardous for water.*
· **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Reasons for alterations** *Update of GHS (EC) No. 1272/2008*
· **Relevant phrases** *Hazard warnings for the ingredients listed under point 3*

· **Department issuing SDS:** *department product safety*
· **Date of previous version** *03/16/2026*
· **Version number of previous version:** *17*
· **Date of preparation** *06/30/2026*
· **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)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent