

Safety Data Sheet (SDS)


Printing date 05/29/2014

Revised On 05/29/2014

1 Identification of the substance and manufacturer

Trade Name:	Sky Gray Enamel Touch-Up Paint	Revised Date: May 29, 2014
Product Number:	4647	Replaces SDS Dated: July 30, 2007
Manufacturer/Supplier:	Rainbow Technology Corporation 261 Cahaba Valley Parkway Pelham, AL 35124 (800) 637-6047, www.rainbowtech.net	
Contact Person:	Larry Joe Steeley, Jr.	
Emergency Information:	CHEMTEL 1-800-255-3924, 813-248-0585 if located outside the U.S.	

2 Hazard(s) identification

GHS label elements	The product is classified and labeled according to the Globally Harmonized System (GHS).
GHS Hazard pictograms	
	GHS02 GHS07 GHS08
Signal word	Danger
Hazard statements	Extremely flammable aerosol. Causes skin irritation. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.
Precautionary statements	If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not pierce or burn, even after use. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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.
HMIS-ratings (0 - 4):	Health= 1 Fire= 4 Physical Hazard= 3

3 Composition/information on ingredients

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:		
67-64-1	Acetone	36.59%
74-98-6	propane	15.75%
108-88-3	Toluene	11.49%
106-97-8	n-butane	9.25%
13463-67-7	titanium dioxide	4.05%
107-87-9	Methyl Propyl Ketone	3.7%
2807-30-9	Glycol Ether EP	1.5%
110-19-0	isobutyl acetate	1.38%

4 First-aid measures

After eye contact:	Move to fresh air. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:	Do not induce vomiting; immediately call for medical help. Rinse out mouth and then drink plenty of water.

5 Fire-fighting measures

Extinguishing agents:	CO2, extinguishing powder or water spray. Fight larger fires with water spray.
Special hazards:	Can form explosive gas-air mixtures.
Protective equipment for firefighters:	A respiratory protective device may be necessary.
Additional information	Cool endangered receptacles with water spray.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Use respiratory protective device against the effects of fumes/dust/aerosol.
Environmental precautions:	Do not allow product to reach sewage systems or ground water.

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Methods and material for containment and cleaning up: Dispose contaminated material as waste according to section 13.

7 Handling and storage

Precautions for safe handling: No special precautions are necessary if used correctly.
Fire/explosion protection: 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. Do not smoke. Protect from electrostatic discharges.
Storage requirements: Observe pressurized container storage regulations. Consult with your local authorities.

8 Exposure controls/personal protection

Components with limit values that require monitoring at the workplace:

67-64-1 Acetone

PEL (USA) Long-term value: 2400 mg/m³, 1000 ppm
 REL (USA) Long-term value: 590 mg/m³, 250 ppm
 TLV (USA) Short-term value: (1782) NIC-1187 mg/m³, (750) NIC-500 ppm
 Long-term value: (1188) NIC-475 mg/m³, (500) NIC-200 ppm
 BEI

74-98-6 propane

PEL (USA) Long-term value: 1800 mg/m³, 1000 ppm
 REL (USA) Long-term value: 1800 mg/m³, 1000 ppm
 TLV (USA) refer to Appendix F: minimal oxygen content

108-88-3 Toluene

PEL (USA) Long-term value: 200 ppm
 Ceiling limit value: 300; 500* ppm
 *10-min peak per 8-hr shift
 REL (USA) Short-term value: 560 mg/m³, 150 ppm
 Long-term value: 375 mg/m³, 100 ppm
 TLV (USA) Long-term value: 75 mg/m³, 20 ppm
 BEI

106-97-8 n-butane

REL (USA) Long-term value: 1900 mg/m³, 800 ppm
 TLV (USA) Short-term value: 2370 mg/m³, 1000 ppm

107-87-9 Methyl Propyl Ketone

PEL (USA) Long-term value: 700 mg/m³, 200 ppm
 REL (USA) Long-term value: 530 mg/m³, 150 ppm
 TLV (USA) Short-term value: 529 mg/m³, 150 ppm

110-19-0 isobutyl acetate

PEL (USA) Long-term value: 700 mg/m³, 150 ppm
 REL (USA) Long-term value: 700 mg/m³, 150 ppm
 TLV (USA) Long-term value: 713 mg/m³, 150 ppm

Ingredients with biological limit values:

67-64-1 Acetone

BEI (USA) 50 mg/L
 Medium: urine
 Time: end of shift
 Parameter: Acetone (nonspecific)

108-88-3 Toluene

BEI (USA) 0.02 mg/L
 Medium: blood
 Time: prior to last shift of workweek
 Parameter: Toluene

 0.03 mg/L
 Medium: urine
 Time: end of shift
 Parameter: Toluene

 0.3 mg/g creatinine
 Medium: urine
 Time: end of shift
 Parameter: o-Cresol with hydrolysis (background)

Hygienic protection: Immediately remove all soiled and contaminated clothing.
 Wash hands after use.
 Avoid contact with the eyes and skin.
 Do not eat or drink while working.

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Breathing equipment: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection: Protective gloves. The glove material must be impermeable and resistant to the substance.

Eye protection: Tightly sealed goggles

9 Physical and chemical properties

Appearance: Aerosol.
Odor: Aromatic
Odor threshold: Not determined.
pH-value: Not determined.
Boiling point: -44 °C (-47 °F)
Flash point: -19 °C (-2 °F)
Flammability (solid, gaseous): Not applicable.
Decomposition temperature: Not determined.
Auto igniting: Product is not self-igniting.
Danger of explosion: In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit: 1.7 Vol %
Upper Explosion Limit: 10.9 Vol %
Specific Gravity: Between 0.77 and 0.85 (Water equals 1.00)
Vapour density: Not determined.
Evaporation rate: Not applicable.
Partition coefficient (n-octanol/water): Not determined.
VOC content: 533.6 g/l / 4.45 lb/gl
VOC content (less exempt solvents): 44.5 %
MIR Value: 1.07
Solids content: 18.5 %
Other information: No further relevant information available.

10 Stability and reactivity

Conditions to avoid: Do not allow the can to exceed 120 degrees Fahrenheit. Stable at normal temperatures.
Possibility of hazardous reactions: No dangerous reactions known.
Hazardous decomposition: No dangerous decomposition products known.

11 Toxicological information

Skin effects: No irritant effect.
Eye effects: Irritating effect.
Sensitization: No sensitizing effects known.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

108-88-3	Toluene	3
13463-67-7	titanium dioxide	2B

NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

Aquatic toxicity: Hazardous for water, do not empty into drains.
Persistence and degradability: The product is degradable after prolonged exposure to natural weathering processes.
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

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.
Recommendation: Completely empty cans should be recycled.

14 Transport information

DOT, ADR: N/A
UN proper shipping name: Consumer Commodity ORM-D
DOT: Aerosols, flammable

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ADR 1950 Aerosols
IATA AEROSOLS, flammable
Transport hazard class(es):
Class 2.1
Special precautions for user: Warning: Gases
EMS Number: F-D,S-U
Packaging Group: --
UN "Model Regulation": UN1950, Aerosols, 2.1

15 Regulatory information

SARA Section 355 (extremely hazardous substances):

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

108-88-3 Toluene

CPSC: This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

108-10-1 methyl isobutyl ketone

100-41-4 ethyl benzene

1333-86-4 Carbon black

California Proposition 65 chemicals know to cause developmental toxicity:

WHMIS Symbols for Canada:

108-88-3 Toluene
 A - Compressed gas
 D2A - Very toxic material causing other toxic effects



EPA:

67-64-1	Acetone	I
108-88-3	Toluene	II
110-19-0	isobutyl acetate	D

ACGIH:

67-64-1	Acetone	A4
108-88-3	Toluene	A4
13463-67-7	titanium dioxide	A4
110-19-0	isobutyl acetate	A4

NIOSH:

13463-67-7	titanium dioxide
1333-86-4	Carbon black

16 Other information

Contact: Regulatory Affairs