

# SDS SAFETY DATA SHEET

## SECTION 1. Identification of the substance/mixture and of the company/undertaking

**Product identifier**

(SDS NO): Eb46\_08142017

Product name: **SOMAY-Q Synthetic resin paint/dye 12oz Aerosol can.**

**Product codes :**

As per 29 CFR 1900. 1200 paragraph (g); This SDS covers the following part numbers : **SQ6834, SQ6841, SQ6858, SQ6865-Q, SQ6872, SQ6889, SQ6896. SQ6919, SQ6926, SQ6933, SQ6940.**

**· Details of the supplier of the safety data sheet**

MANUFACTURED FOR:  
**BHG Import Exports Inc.**  
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 Glendale CA 91203 United States

· Information department: Product safety department  
 · Emergency telephone number:  
**24 Hrs Emergency Contact:**  
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## SECTION 2: HAZARDS IDENTIFICATION

Classification

**Symbol(s) of Product**



Danger

Possible Hazards

1% of the mixture consists of ingredient(s) of unknown acute toxicity.

**GHS HAZARD STATEMENTS**

Flammable Aerosol, category 1	H222	Extremely flammable aerosol.
Compressed Gas	H280	Contains gas under pressure; may explode if heated.
Germ Cell Mutagenicity, category 1B	H340	May cause genetic defects.
Carcinogenicity, category 1B	H350	May cause cancer.
Reproductive Toxicity, category 2	H361	Suspected of damaging fertility or the unborn child.
STOT, single exposure, category 3, NE	H336	May cause drowsiness or dizziness.
Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
Eye Irritation, category 2	H319	Causes serious eye irritation.

**GHS LABEL PRECAUTIONARY STATEMENTS**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
P410+P403	Protect from sunlight. Store in a well-ventilated place.
P201	Obtain special instructions before use.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P405	Store locked up.

P501	Dispose of contents/container in accordance with local, regional and national regulations.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P264	Wash hands thoroughly after handling.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

## SECTION 3: Composition/Information On Ingredients

### HAZARDOUS SUBSTANCES

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt.% Range</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Methyl Ethyl Ketone	78-93-3	10-25	GHS02-GHS07	H225-319-332-336
Dimethyl ether	115-10-6	50	GHS04	H280
Methyl Isobutyl Ketone	108-10-1	10-25	GHS02-GHS06	H225-319-331-335
Ethyl Acetate	141-78-6	11	GHS04	H280

## SECTION 4 : First-aid Measures

**FIRST AID - EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

**FIRST AID - SKIN CONTACT:** Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

**FIRST AID - INHALATION:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation.

**FIRST AID - INGESTION:** Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention. If swallowed, get medical attention.

## SECTION 5 : Fire-fighting Measures

### **EXTINGUISHING MEDIA:**

Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** FLASH POINT IS LESS THAN 20°F. EXTREMELY FLAMMABLE LIQUID AND VAPOR! Water spray may be ineffective. Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressurized container may cause bursting of the can. Closed containers may explode when exposed to extreme heat due to buildup of steam. No unusual fire or explosion hazards noted

**SPECIAL FIREFIGHTING PROCEDURES:** Evacuate area and fight fire from a safe distance. Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

## SECTION 6 : Accidental Release Measures

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Ventilate area, isolate spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal

## SECTION 7 : Handling and Storage

**HANDLING:** Wash thoroughly after handling. Wash hands before eating. Use only in a well-ventilated area. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing.

**STORAGE:** Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Contents under pressure. Do not store above 120 ° F. Store large quantities in buildings designed and protected for storage of flammable aerosols. Contents under pressure. Do not expose to heat or store above 120 ° F. Product should be stored in tightly sealed containers and protected from heat, moisture, and foreign materials. Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep away from heat, sparks, flame and sources of ignition. Avoid excess heat.

## SECTION 8: Exposure Controls/Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Ethyl Acetate	141-78-6	40.0	200 ppm	500 ppm	200 ppm	N.E.
Methyl Ethyl Ketone	78-93-3	20.0	200 ppm	300 ppm	200 ppm	N.E.
Methyl Isobutyl Ketone	108-10-1	15.0	20 ppm	75 ppm	100 ppm	N.E.

### PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation. Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed

**SKIN PROTECTION:** Use impervious gloves to prevent skin contact and absorption of this material through the skin. Nitrile or Neoprene gloves may afford adequate skin protection. Use gloves to prevent prolonged skin contact.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application. Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

## SECTION 9: Physical and Chemical Properties

<b>Appearance:</b>	Aerosolized Mist	<b>Physical State:</b>	Liquid
<b>Odor</b>	Solvent Like	<b>Odor Threshold:</b>	N.E.
<b>Relative Density:</b>	0.754	<b>Upper explosion limit:</b>	27%
<b>Freeze Point, °C:</b>	N.D.	<b>Lower explosion limit:</b>	3.4%
<b>Solubility in Water:</b>	Slight	<b>Specific gravity:</b>	0.86 ( Water=1) as undiluted solution
<b>Decomposition Temp., °C:</b>	N.D.	<b>VOC in Grams</b>	376.5 g/L
<b>Boiling Range, °C:</b>	-37 - 375	<b>Explosive Limits, vol%:</b>	1.0 - 13.0
<b>Flammability:</b>	Supports Combustion	<b>Flash Point, °C:</b>	-41.4
<b>Evaporation Rate:</b>	Faster than Ether	<b>Auto-ignition Temp., °C:</b>	350°C)
<b>Vapor Density:</b>	3.50 (Air=1)	<b>Vapor Pressure:</b>	24.7M Pa (20°C)
<b>Solids</b>	1.25 %	<b>MIR</b>	0.79

(See "Other information" Section for abbreviation legend)

## SECTION 10: Stability and Reactivity

**CONDITIONS TO AVOID:** Avoid temperatures above 120°F (49°C). Avoid all possible sources of ignition. Avoid contact with strong acid and strong bases.

**INCOMPATIBILITY:** Incompatible with strong oxidizing agents, strong acids and strong alkalies.

**HAZARDOUS DECOMPOSITION:** Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde. By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**STABILITY:** May form peroxides of unknown stability. This product is stable under normal storage conditions.

## SECTION 11: Toxicological information

**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** Causes Serious Eye Irritation

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** May be absorbed through the skin in harmful amounts. Substance may cause slight skin irritation. Prolonged or repeated contact may cause skin irritation. May cause skin irritation. Allergic reactions are possible.

**EFFECTS OF OVEREXPOSURE - INHALATION:** Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Aspiration hazard if swallowed; can enter lungs and cause damage. Harmful if swallowed.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** Overexposure to methyl ethyl ketone in laboratory animals has been associated with liver abnormalities, kidney and lung damage. Fetotoxic/embryotoxic effects from inhalation have been seen in rats exposed to >1000ppm during gestation. Overexposure to xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic overexposure, have included liver, cardiac abnormalities and nervous system damage. IARC lists Ethylbenzene as a possible human carcinogen (group 2B). Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula. (Ref: IARC Monograph, Vol. 93, 2010) May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis, and blurred vision) and/or damage.

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

### ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
Methyl Ethyl Ketone	2483 mg/kg Rat	5000 mg/kg Rabbit	N.I.
Methyl Isobutyl Ketone	2080 mg/kg Rat	3000 mg/kg Rabbit	8.2 mg/L Rat
Ethyl Acetate	4.940 mg/kg Rat	4000 mg/kg Rabbit	N.I
Dimethyl Ether	8,640 mg/kg Rat	16,000 mg/kg Rabbit	N.I

## SECTION 12: Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components. Product is a mixture of listed components.

## SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with all applicable local, state, and federal regulations. Dispose of product in an approved chemical waste landfill or incinerate in accordance with applicable national, prefectural, and local regulations.

## SECTION 14: TRANSPORT INFORMATION

### Ground

Refer to TDG regulations (Canadian Transportation of Dangerous Goods regulations);

#### USA DOT

(49 cfr 173.173 b(2), Consumer Commodity (49 cfr 173.150(c) and 49 CFR (Parts 100 to 185) **Regulations**

#### Limited Quantity



**UN number:** UN1950  
**Shipping Name:**  
 AEROSOLS, flammable  
**Class:** 2.1  
**Packing Group:** Not applicable  
**Marine Pollutant:** No

### Air

Refer to ICAO-IATA Dangerous Goods Regulations.

#### Limited Quantity

Max Net Qty/Pkg =  
 30 kg Gross



**UN number:** UN1950  
**Shipping Name:**  
 AEROSOLS, flammable  
**Class:** 2.1  
**Packing Group:** Not applicable  
**Marine Pollutant:** No



### Sea

Refer to IMDG regulations.

#### Limited Quantity



**UN number:** UN1950  
**Shipping Name:**  
 AEROSOLS, flammable  
**Class:** 2.1  
**Packing Group:** Not applicable  
**Marine Pollutant:** No

**Note:** Shipper must be appropriately trained and certified before involvement with the transport of dangerous goods.

## SECTION 15: OTHER REGULATORY INFORMATION

### Canada

Domestic Substance List (DSL) / Non-Domestic Substance Lists (NDSL)

All hazardous ingredients are listed on the DSL.

Hazardous Products Act (R.S.C., 1985, c. H-3)

The safety data sheet and label comply with the Hazardous Product Act and WHMIS 2015.

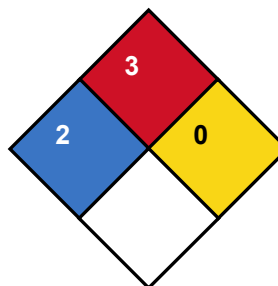
### USA

#### Other Classifications

##### HMIS® RATING

<b>HEALTH:</b>	* 2
<b>FLAMMABILITY:</b>	3
<b>PHYSICAL HAZARD:</b>	0
<b>PERSONAL PROTECTION:</b>	

##### NFPA® 704 CODES



Approximate HMIS and NFPA Risk Ratings Legend:

0 (Low or none); 1 (Slight); 2 (Moderate); 3 (Serious); 4 (Severe)

#### CAA (Clean Air Act, USA)

This product does not contain any class 1 ozone depleting substances.

This product does not contain any class 2 ozone depleting substances.

This product contains toluene, xylene, and ethylbenzene which are listed as hazardous air pollutants.

#### EPCRA (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product contains ethylbenzene (CAS # 100-41-4; reportable quantity = 1 000 lb), toluene (CAS# 108-88-3; reportable quantity = 1 000 lb), and xylene (CAS# 1330-20-7, reportable quantity = 100 lb), which are subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

This product contains acetone (CAS# 67-64-1), isobutyl acetate (CAS# 110-19-0) and ethyl acetate (CAS# 141-78-6) which are subject to the CERCLA reporting requirements at the 5 000 lb (2 268 kg) threshold.

#### TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

California Proposition 65 (Chemicals known to cause cancer or reproductive toxicity, June 06, 2014 revision, USA).

This product contains toluene, which is listed as reproductively toxic in California.

This product contains ethylbenzene, which is listed as a carcinogen in California.

This product contains ethanol, which is listed as reproductively toxic and as a carcinogen when in an alcoholic beverage.

This product contains carbon black and titanium dioxide, which are listed as a carcinogenic substance when airborne, as unbound particles of respirable size.

### Europe

#### RoHS (Restriction of Hazardous Substances Directive)

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, or PBDE's, and complies with European RoHS regulations.

## SECTION 16: OTHER INFORMATION

REFERENCE: Material Substance Database/ Japan Paint Industrial Association Pocket Book for Solvents  
Reference of Hazardous and Toxic Chemical Substance/ Japan Industrial Safety and Health Association (JISHA)  
SDS of other manufacturers

#### LEGAL DISCLAIMER:

BHG Import Export inc. Cannot guarantee the accuracy, adequacy or completeness of information in this Safety Data Sheet because it has been compiled from our experience, knowledge and various publications believed to be reliable.

It is the customer 's responsible for ensuring that the product is used, handled, stored, and disposed in accordance with the safety precautions herein and in compliance with applicable national, prefectural, or provincial, and local laws.

BHG Import Export inc. disclaims liability for any loss, damage, or personal injury that arises from, or is in any way related to use of the information contained in this safety data sheet.