

## 1 Identification of substance

· **Product details**

· **Trade name:** 15011-15596 Color Coat RTS

· **Article number:**

15011, 15014, 15016, 15041, 15081, 15084, 15086, 15091, 15101, 15111, 15311, 15501, 15504, 15506, 15511, 15514, 15516, 15521, 15524, 15526, 15531, 15534, 15536, 15541, 15544, 15546, 15556, 15561, 15564, 15566, 15576, 15581, 15584, 15586, 15591, 15594, 15596

· **Manufacturer/Supplier:**

SEM Products Inc.  
1685 Overview Drive  
Rock Hill, SC 29730  
803 207 8225

· **Information department:**

cust\_care@semproducts.com : SEM Products, Inc. 1685 Overview Dr. Rock Hill, SC 29730 : phone 1-800-831-1122, M - TH 7am - 4pm EDT

· **Emergency information:** 24 HR EMERGENCY CHEMTREC 1-800-424-9300

## 2 Composition/Data on components

· **Chemical characterization**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

108-88-3	toluene Danger:  2.6/2;  3.10/1, 3.7/2, 3.9/2 Warning:  3.2/2, 3.8/3	60 - 70%
	ACRYLIC RESIN Warning:  3.2/2, 3.3/2A, 3.8/3	10 - 13%
78-93-3	butanone Danger:  2.6/2 Warning:  3.3/2A, 3.8/3	7 - 10%
51274-00-1	YELLOW IRON OXIDE Warning:  3.2/2, 3.3/2A, 3.8/3	1.5 - 5%
108-65-6	2-methoxy-1-methylethyl acetate Warning:  2.6/3;  3.3/2A	1.5 - 5%
2807-30-9	2-(propyloxy)ethanol Warning:  3.1.D/4, 3.3/2A	1.5 - 5%
67-56-1	methanol Danger:  2.6/2;  3.1.O/3, 3.1.D/3, 3.1.I/3;  3.8/1	≤1%

## 3 Hazards identification

· **Hazard description:**



Harmful  
Highly flammable

· **Information pertaining to particular dangers for man and environment:**

The product has to be labelled due to the calculation procedure of international guidelines.

(Contd. on page 2)

Trade name: 15011-15596 Color Coat RTS

(Contd. of page 1)

Has a narcotizing effect.  
Highly flammable.  
Irritating to eyes and skin.  
Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
Possible risk of harm to the unborn child.  
Vapours may cause drowsiness and dizziness.

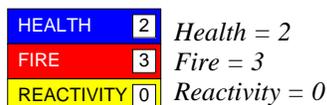
· **Classification system:**

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

· **NFPA ratings (scale 0 - 4)**



· **HMIS-ratings (scale 0 - 4)**



· **GHS label elements**



2.6/2 - Highly flammable liquid and vapour.



3.7/2 - Suspected of damaging fertility or the unborn child.  
3.9/2 - May cause damage to organs through prolonged or repeated exposure.



3.2/2 - Causes skin irritation.  
3.3/2A - Causes serious eye irritation.  
3.8/3 - May cause drowsiness or dizziness.

· **Prevention:**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting/equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Use personal protective equipment as required.

(Contd. on page 3)



Trade name: 15011-15596 Color Coat RTS

(Contd. of page 2)

· **Response:**

*IF ON SKIN: Wash with plenty of soap and water.*

*IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.*

*IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.*

*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.*

*Call a POISON CENTER or doctor/physician if you feel unwell.*

*Get medical advice/attention if you feel unwell.*

*Specific treatment (see on this label).*

*If skin irritation occurs: Get medical advice/attention.*

*If eye irritation persists: Get medical advice/attention.*

*Take off contaminated clothing and wash before reuse.*

*In case of fire: Use for extinction: CO2, powder or water spray.*

· **Storage:**

*Store in a well-ventilated place. Keep container tightly closed.*

*Store in a well-ventilated place. Keep cool.*

*Store locked up.*

· **Disposal:**

*Dispose of contents/container in accordance with local/regional/national/international regulations.*

#### 4 First aid measures

· **After inhalation:** *In case of unconsciousness place patient stably in side position for transportation.*

· **After skin contact:** *Immediately wash with water and soap and rinse thoroughly.*

· **After eye contact:**

*Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.*

· **After swallowing:** *If symptoms persist consult doctor.*

#### 5 Fire fighting measures

· **Suitable extinguishing agents:** *CO2, sand, extinguishing powder. Do not use water.*

· **For safety reasons unsuitable extinguishing agents:** *Water with full jet*

· **Protective equipment:** *No special measures required.*

#### 6 Accidental release measures

· **Person-related safety precautions:** *Wear protective equipment. Keep unprotected persons away.*

· **Measures for environmental protection:** *Do not allow to enter sewers/ surface or ground water.*

· **Measures for cleaning/collecting:**

*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*

*Dispose contaminated material as waste according to item 13.*

*Ensure adequate ventilation.*

*Do not flush with water or aqueous cleansing agents*

USA

(Contd. on page 4)



Trade name: 15011-15596 Color Coat RTS

(Contd. of page 3)

## 7 Handling and storage

- **Handling:**
- **Information for safe handling:**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.

## 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with limit values that require monitoring at the workplace:**

### 108-88-3 toluene

PEL	Short-term value: C 300; 500* ppm Long-term value: 200 ppm *10-min peak per 8-hr shift
REL	Short-term value: 560 mg/m <sup>3</sup> , 150 ppm Long-term value: 375 mg/m <sup>3</sup> , 100 ppm
TLV	75 mg/m <sup>3</sup> , 20 ppm

### 78-93-3 butanone

PEL	590 mg/m <sup>3</sup> , 200 ppm
REL	Short-term value: 885 mg/m <sup>3</sup> , 300 ppm Long-term value: 590 mg/m <sup>3</sup> , 200 ppm
TLV	Short-term value: 885 mg/m <sup>3</sup> , 300 ppm Long-term value: 590 mg/m <sup>3</sup> , 200 ppm BEI

### 108-65-6 2-methoxy-1-methylethyl acetate

WEEL	50 ppm
------	--------

### 67-56-1 methanol

PEL	260 mg/m <sup>3</sup> , 200 ppm
REL	Short-term value: 325 mg/m <sup>3</sup> , 250 ppm Long-term value: 260 mg/m <sup>3</sup> , 200 ppm Skin
TLV	Short-term value: 328 mg/m <sup>3</sup> , 250 ppm Long-term value: 262 mg/m <sup>3</sup> , 200 ppm Skin; BEI

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

- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.

(Contd. on page 5)



**Trade name: 15011-15596 Color Coat RTS**

(Contd. of page 4)

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

· **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.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

## 9 Physical and chemical properties

· **General Information**

<b>Form:</b>	Liquid
<b>Color:</b>	According to product specification
<b>Odor:</b>	Characteristic

· **Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** 79°C (174°F)

· **Flash point:** -4°C (25°F)

· **Ignition temperature:** 514°C (957°F)

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** In use, may form flammable/explosive vapour-air mixture.

· **Explosion limits:**

**Lower:** 1.2 Vol %

**Upper:** 7.0 Vol %

· **Vapor pressure at 20°C (68°F):** 29 hPa (22 mm Hg)

(Contd. on page 6)



Trade name: 15011-15596 Color Coat RTS

(Contd. of page 5)

- **Density at 20°C (68°F):** 0.92 g/cm<sup>3</sup>
- **Solubility in / Miscibility with Water:** Not miscible or difficult to mix.
- **Solvent content:**
  - Organic solvents:** 84.2 %
  - VOC content:** 84.2 %  
772.0 g/l / 6.44 lb/gl
- **Solids content:** 15.6 %

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

### 11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

**108-88-3 toluene**

Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	12124 mg/kg (rabbit)
Inhalative	LC50/4 h	5320 mg/l (mouse)

· **Primary irritant effect:**

· **on the skin:** Irritant to skin and mucous membranes.

· **on the eye:** Irritating effect.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant

### 12 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.

### 13 Disposal considerations

· **Product:**

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 7)

Trade name: 15011-15596 Color Coat RTS

(Contd. of page 6)

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

· **DOT regulations:**



- **Hazard class:** 3
- **Identification number:** UN1263
- **Packing group:** II
- **Proper shipping name (technical name):** PAINT
- **Label:** 3
- **Remarks:** ORM-D 49CFR 173.150,156,or306

· **Land transport TDG (Canada) and ADR/RID (Europe):**



- **Hazard class:** 3 Flammable liquids
- **UN-Number:** 1263
- **Packaging group:** II
- **Label:** 3
- **Description of goods:** 1263 PAINT, special provision 640D

· **Maritime transport IMDG:**



- **IMDG Class:** 3
- **UN Number:** 1263
- **Label:** 3
- **Packaging group:** II
- **EMS Number:** F-E,S-E
- **Marine pollutant:** No
- **Propper shipping name:** PAINT

· **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1263
- **Label:** 3

(Contd. on page 8)



Trade name: 15011-15596 Color Coat RTS

(Contd. of page 7)

- **Packaging group:** II
- **Propper shipping name:** PAINT
- **UN "Model Regulation":** UN1263, PAINT, 3, II

## 15 Regulations

### · Sara

#### · Section 355 (extremely hazardous substances):

None of the ingredient is listed.

#### · Section 313 (Specific toxic chemical listings):

108-88-3	toluene
	ACRYLIC RESIN
78-93-3	butanone
1330-20-7	xylene
67-56-1	methanol
100-41-4	ethylbenzene

#### · TSCA (Toxic Substances Control Act):

108-88-3	toluene
78-93-3	butanone
51274-00-1	YELLOW IRON OXIDE
108-65-6	2-methoxy-1-methylethyl acetate
2807-30-9	2-(propyloxy)ethanol
1330-20-7	xylene
67-56-1	methanol
1333-86-4	Carbon black
100-41-4	ethylbenzene
68911-87-5	ALKYL QUATERNARY AMMONIUM MONTMORILLONITE
64742-95-6	Solvent naphtha (petroleum), light arom.
7732-18-5	water, distilled, conductivity or of similar purity
111-66-0	oct-1-ene
57-55-6	propane-1,2-diol
78-83-1	butanol

### · Proposition 65

#### · Chemicals known to cause cancer:

1330-20-7	xylene
1333-86-4	Carbon black
100-41-4	ethylbenzene
68911-87-5	ALKYL QUATERNARY AMMONIUM MONTMORILLONITE

#### · Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

(Contd. on page 9)



Trade name: 15011-15596 Color Coat RTS

(Contd. of page 8)

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

108-88-3 toluene

· **Cancerogenity categories**

· **EPA (Environmental Protection Agency)**

108-88-3	toluene	II
78-93-3	butanone	I
1330-20-7	xylene	I
100-41-4	ethylbenzene	D

· **IARC (International Agency for Research on Cancer)**

108-88-3	toluene	3
1330-20-7	xylene	3
1333-86-4	Carbon black	2B
100-41-4	ethylbenzene	2B

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

108-88-3	toluene	A4
1330-20-7	xylene	A4
1333-86-4	Carbon black	A4
100-41-4	ethylbenzene	A3

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

67-56-1	methanol
1333-86-4	Carbon black

· **OSHA-Ca (Occupational Safety & Health Administration)**

68911-87-5	ALKYL QUATERNARY AMMONIUM MONTMORILLONITE
------------	---

· **Product related hazard informations:**

The product has been classified and marked in accordance with directives on hazardous materials.

· **Hazard symbols:**

Harmful  
Highly flammable

· **Hazard-determining components of labelling:**

toluene

· **Risk phrases:**

Highly flammable.  
Irritating to eyes and skin.  
Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
Possible risk of harm to the unborn child.  
Vapours may cause drowsiness and dizziness.

· **Safety phrases:**

Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).  
Wear suitable protective clothing and gloves.

(Contd. on page 10)



**Trade name: 15011-15596 Color Coat RTS**

*Use only in well-ventilated areas.*

*This material and its container must be disposed of as hazardous waste.*

(Contd. of page 9)

## 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.*

· **Department issuing MSDS:** Environment protection department.

· **Contact:** Steve Gaver

· **Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

*IMDG: International Maritime Code for Dangerous Goods*

*DOT: US Department of Transportation*

*IATA: International Air Transport Association*

*IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)*

*ICAO: International Civil Aviation Organization*

*ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)*

*GHS: Globally Harmonized System of Classification and Labelling of Chemicals*

*ACGIH: American Conference of Governmental Industrial Hygienists*

*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*