



Printing date 06/01/2005

Reviewed on 03/07/2005

1 Identification of substance

- **Product details**
- **Trade name:** 38203 Guide Coat Black
- **Article number:** 38203
- **Manufacturer/Supplier:**
SEM Products, Inc.
651 Michael Wylie Dr.
Charlotte, NC 28217
USA
(704)522-1006
- **Information department:** 24HR EMERGENCY CHEMTREC 800-424-9300

2 Composition/Data on components

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

67-64-1	acetone	25-50%
68476-86-8	Petroleum gases, liquefied, sweetened	10-25%
108-88-3	toluene	10-25%
141-78-6	ethyl acetate	2.5-10%
	ACRYLIC RESIN	2.5-10%
78-93-3	butanone	≤ 2.5%

3 Hazards identification

· **Hazard description:**



Harmful
Extremely flammable

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

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

Warning! Pressurized container.

Extremely flammable.

Harmful by inhalation.

Irritating to eyes.

Danger of serious damage to health by prolonged exposure.

Possible risk of harm to the unborn child.

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.

57.0 % by mass of the contents are flammable

Keep out of the reach of children.

· **Classification system:**

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

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Protect against electrostatic charges.

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.

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Observe official regulations on storing packagings with pressurized containers.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Keep receptacle tightly sealed.

Do not gas tight seal receptacle.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

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:

67-64-1 acetone

PEL 2400 mg/m³, 1000 ppm

REL 590 mg/m³, 250 ppm

TLV Short-term value: 1782 mg/m³, 750 ppm

Long-term value: 1188 mg/m³, 500 ppm

BEI

68476-86-8 Petroleum gases, liquefied, sweetened

TLV Short-term value: 2950 mg/m³, 1000 ppm

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/m³, 150 ppm

Long-term value: 375 mg/m³, 100 ppm

TLV 188 mg/m³, 50 ppm

Skin; BEI

141-78-6 ethyl acetate

PEL 1400 mg/m³, 400 ppm

REL 1400 mg/m³, 400 ppm

TLV 1440 mg/m³, 400 ppm

78-93-3 butanone

PEL 590 mg/m³, 200 ppm

REL Short-term value: 885 mg/m³, 300 ppm

Long-term value: 590 mg/m³, 200 ppm

TLV Short-term value: 885 mg/m³, 300 ppm

Long-term value: 590 mg/m³, 200 ppm

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.

Immediately remove all soiled and contaminated clothing.

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- **Solvent content:**
 - Organic solvents: 94.5 %
 - VOC content: 47.5 %
 - 358.5 g/l / 2.99 lb/gl
- **Solids content:** 5.5 %

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:** No irritant effect.
 - **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:
Harmful
Irritant

12 Ecological information

- **General notes:**

Water hazard class 3 (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely 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.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

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· 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):

67-64-1	acetone
68476-86-8	Petroleum gases, liquefied, sweetened
108-88-3	toluene
141-78-6	ethyl acetate
78-93-3	butanone
123-86-4	n-butyl acetate
1330-20-7	xylene
1333-86-4	Carbon black
	SILANE MODIFIED SILICA
111-76-2	2-butoxyethanol
68855-54-9	Kieselguhr, soda ash flux-calcined
67-56-1	methanol
100-41-4	ethylbenzene

· Proposition 65

· Chemicals known to cause cancer:

1330-20-7	xylene
1333-86-4	Carbon black
68855-54-9	Kieselguhr, soda ash flux-calcined

· Chemicals known to cause reproductive toxicity:

108-88-3	toluene
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· Cancerogenity categories

· EPA (Environmental Protection Agency)

67-64-1	acetone	
108-88-3	toluene	D
78-93-3	butanone	D
1330-20-7	xylene	D
100-41-4	ethylbenzene	D

· IARC (International Agency for Research on Cancer)

108-88-3	toluene	
1330-20-7	xylene	3
1333-86-4	Carbon black	3
68855-54-9	Kieselguhr, soda ash flux-calcined	2B
9002-88-4	POLYETHYLENE	GROUP I
100-41-4	ethylbenzene	3
		2B

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