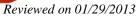


Printing date 01/30/2013



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

· Product identifier

· Trade name: 62213 - 62263 EZ Coat

· Article number: 62213, 62223, 62233, 62243, 62253, 62263

• *Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.* 

· Application of the substance / the preparation coating

• Details of the supplier of the safety data sheet • 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 telephone number: 24 HR EMERGENCY CHEMTREC 1-800-424-9300

## **2** Hazards identification

· Classification of the substance or mixture

GHS02 Flame

Flam. Aerosol 1 H222 Extremely flammable aerosol.

GHS08 Health hazard

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS07

Skin Irrit. 2	H315 Causes skin irritation.
Eye Irrit. 2A	H319 Causes serious eye irritation.
STOT SE 3	H336 May cause drowsiness or dizziness.

· Label elements

- · GHS label elements The product is classified and labelled according to the Globally Harmonized System (GHS).
- · Hazard pictograms GHS02, GHS07, GHS08
- · Signal word Danger
- Hazard-determining components of labelling: toluene
  Hazard statements H222 Extremely flammable aerosol.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H361 Suspected of damaging fertility or the unborn child.

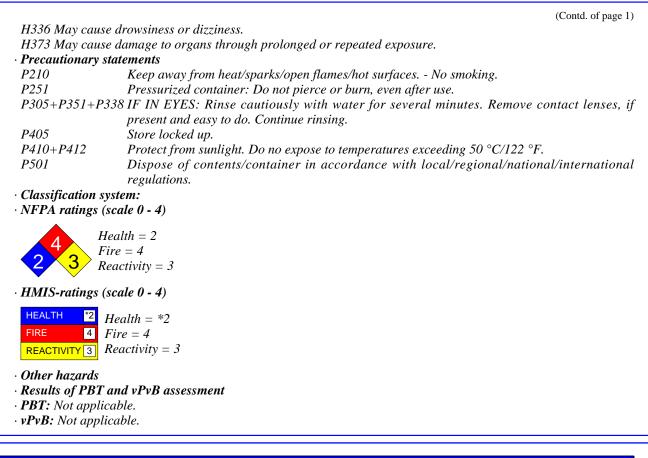
(Contd. on page 2)

USA

Printing date 01/30/2013

Reviewed on 01/29/2013

#### Trade name: 62213 - 62263 EZ Coat



#### **3** Composition/information on ingredients

· Chemical characterization: Mixtures

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

67-64-1	acetone	30 - 409
	🚸 Flam. Liq. 2, H225; 🚸 Eye Irrit. 2, H319; STOT SE 3, H336	
68476-86-8	Petroleum gases, liquefied, sweetened	13 - 309
	🚸 Flam. Gas 1, H220; 🔶 Press. Gas, H280	
108-88-3		10 -13%
	<ul> <li>Flam. Liq. 2, H225;</li> <li>Repr. 2, H361; STOT RE 2, H373; Asp. Tox. 1, H304;</li> <li>Skin Irrit. 2, H315; STOT SE 3, H336</li> </ul>	
108-10-1	4-methylpentan-2-one	1.5 - 5%
	🚸 Flam. Liq. 2, H225; 🚸 Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H335	
110-19-0	isobutyl acetate	1.5 - 5%
	🚸 Flam. Liq. 2, H225	-1
78-93-3	butanone	1.5 - 5%
	🚸 Flam. Liq. 2, H225; 🚸 Eye Irrit. 2, H319; STOT SE 3, H336	-1

Printing date 01/30/2013

Reviewed on 01/29/2013

Trade name: 62213 - 62263 EZ Coat

	Since. of page $2$
108-65-6 2-methoxy-1-methylethyl acetate	1-1.5%
🚸 Flam. Liq. 3, H226	

## 4 First aid measures

- · Description of first aid measures
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- 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.
- · Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- · Indication of any immediate medical attention and special treatment needed No further relevant information available.

## **5** Firefighting measures

- · Extinguishing media
- Suitable extinguishing agents: CO2, sand, extinguishing powder. Do not use water.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- Special hazards arising from the substance or mixture No further relevant information available.
- · Advice for firefighters
- · Protective equipment: No special measures required.

## 6 Accidental release measures

- · Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:
- Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
- Do not flush with water or aqueous cleansing agents
- · 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.

## 7 Handling and storage

- · Handling:
- · Precautions for safe handling No special measures required. Ensure good ventilation/exhaustion at the workplace.
- Open and handle receptacle with care.
- · Information about protection against explosions and fires:
- Do not spray on a naked flame or any incandescent material.

(Contd. on page 4)

USA

(Contd. of mage 2)

Page 3/12





Page 4/12

Reviewed on 01/29/2013

Trade name: 62213 - 62263 EZ Coat

(Contd. of page 3) Keep ignition sources away - Do not smoke. 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.

· Conditions for safe storage, including any incompatibilities

· Storage:

 Requirements to be met by storerooms and receptacles: Store in a cool location.
 Observe official regulations on storing packagings with pressurized containers.

- $\cdot \textit{Information about storage in one common storage facility:} Not required.$
- $\cdot$  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.

· Specific end use(s) No further relevant information available.

#### 8 Exposure controls/personal protection

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

· Control parameters

67-64-1	acetone	
PEL()	2400 mg/m <sup>3</sup> , 1000 ppm	
REL()	590 mg/m <sup>3</sup> , 250 ppm	
TLV()	Short-term value: (1782) NIC-1187 mg/m <sup>3</sup> , (750) NIC-500 ppm Long-term value: (1188) NIC-475 mg/m <sup>3</sup> , (500) NIC-200 ppm BEI	
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()	75 mg/m³, 20 ppm BEI	
108-10-	1 4-methylpentan-2-one	
PEL()	410 mg/m <sup>3</sup> , 100 ppm	
REL()	Short-term value: 300 mg/m³, 75 ppm Long-term value: 205 mg/m³, 50 ppm	
TLV()	Short-term value: 307 mg/m³, 75 ppm Long-term value: 82 mg/m³, 20 ppm BEI	
110-19-	0 isobutyl acetate	
PEL()	700 mg/m <sup>3</sup> , 150 ppm	
REL()	700 mg/m <sup>3</sup> , 150 ppm	

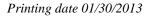
Printing date 01/30/2013

Reviewed on 01/29/2013

SEM

*Trade name: 62213 - 62263 EZ Coat* 

TLV()	713 mg/m³, 150 ppm	(Contd. of pag
78-93-3 bi		
	590 mg/m <sup>3</sup> , 200 ppm	
	Short-term value: 885 mg/m <sup>3</sup> , 300 ppm	
	Long-term value: 590 mg/m³, 200 ppm	
	Short-term value: 885 mg/m³, 300 ppm	
	Long-term value: 590 mg/m³, 200 ppm	
	BEI	
108-65-62	2-methoxy-1-methylethyl acetate	
WEEL()	50 ppm	
· Ingredien	ts with biological limit values:	
67-64-1 a	eetone	
BEI () 50	mg/L	
Me	dium: urine	
Tir	ne: end of shift	
Pa	rameter: Acetone (nonspecific)	
108-88-3	oluene	
BEI() 0.0	2 mg/L	
Me	dium: blood	
	ne: prior to last shift of workweek	
Pa	rameter: Toluene	
0.0	2 mg/I	
	3 mg/L dium: urine	
	ne: end of shift	
	rameter: Toluene	
0.3	mg/g creatinine	
Me	dium: urine	
	ne: end of shift	
	rameter: o-Cresol with hydrolysis (background)	
108-10-1	1-methylpentan-2-one	
BEI() 1 n		
	dium: urine	
	ne: end of shift	
	rameter: MIBK	
78-93-3 bi		
BEI () 2 n		
	dium: urine	
	ne: end of shift	
	rameter: MEK	
• Additiona	<b>I information:</b> The lists that were valid during the creation were used as basis.	
· Exposure		
	protective equipment:	
	rotective and hygienic measures:	
	y from foodstuffs, beverages and feed.	
	ly remove all soiled and contaminated clothing.	
Wash han	<i>ds before breaks and at the end of work.</i>	(Contd. on pag
		(Conta. on pag



SEM

Page 6/12

Reviewed on 01/29/2013

#### Trade name: 62213 - 62263 EZ Coat

(Contd. of page 5) Avoid contact with the eyes. 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 trough 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 · Information on basic physical and chemical properties · General Information · Appearance: Form: Aerosol Color: According to product specification · Odor: **Characteristic** • Odour threshold: Not determined. · pH-value: Not determined. · Change in condition Undetermined. *Melting point/Melting range:* **Boiling point/Boiling range:** < -17 °C -17 °C · Flash point: · Flammability (solid, gaseous): Not applicable. 465 °C · Ignition temperature: · Decomposition temperature: Not determined. · Auto igniting: Product is not selfigniting.

(Contd. on page 7)

USA

Printing date 01/30/2013

Reviewed on 01/29/2013

#### *Trade name: 62213 - 62263 EZ Coat*

	(Contd. of page
• Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.
· Explosion limits:	
Lower:	1.2 Vol %
Upper:	13.0 Vol %
· Vapor pressure at 20 °C:	233 hPa
· Density at 20 •C:	$0.765 \ g/cm^3$
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/wa	uter): Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	88. <i>3 %</i>
VOC content:	16.8 %
	408.1 g/l / 3.41 lb/gl
Solids content:	11.7 %
• Other information	No further relevant information available.

## 10 Stability and reactivity

- · Reactivity
- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

## **11** Toxicological information

· Information on toxicological effects

• 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.

(Contd. on page 8)

USA

Printing date 01/30/2013

Reviewed on 01/29/2013

#### Trade name: 62213 - 62263 EZ Coat

· Sensitization: No sensitizing effects known.

· Additional toxicological information:

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

#### · Carcinogenic categories

· IARC (International Agency for Research on Cancer)			
108-88-3	toluene	3	
13463-67-7	titanium dioxide	28	
1330-20-7	xylene	3	
	BENTONITE	suspected carcinogen <2% 14808-60-7	
7631-86-9	silicon dioxide, chemically prepared	3	
1333-86-4	Carbon black	2B	
100-41-4	ethylbenzene	28	
· NTP (National Toxicology Program)			
None of the ingredients is listed.			

## **12 Ecological information**

· Toxicity

- Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- · 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.

- · Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- · Other adverse effects No further relevant information available.

#### **13 Disposal considerations**

· Waste treatment methods

· 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.

(Contd. on page 9)

(Contd. of page 7)

Printing date 01/30/2013

## SEM Reviewed on 01/29/2013

Trade name: 62213 - 62263 EZ Coat

(Contd. of page 8)

UN-Number		
DOT, ADR, IMDG, IATA	UN1950	
UN proper shipping name		
DOT	AEROSOLS, flammable, HOT	
ADR	1950 AEROSOLS, MOLTEN	
IMDG	AEROSOLS, MOLTEN	
	AEROSOLS, flammable	
Transport hazard class(es)		
DOT		
FAMILIE CAS		
Class	2.1	
Label	2.1	
ADR		
A		
Class	2 5F Gases	
Label	2.1	
IMDG, IATA		
A		
2		
Class	2.1	
Label	2.1 2.1	
	2.1	
Packing group DOT, ADR, IMDG, IATA	Void	
	Voiu	
Environmental hazards: Marine pollutant:	No	
Special precautions for user	Warning: Gases	
EMS Number:	F-D,S-U	
Transport in bulk according to Annex		
MARPOL73/78 and the IBC Code	Not applicable.	
Transport/Additional information:		
DOT		
Hazardous substance:	1 lbs, 0.454 kg	

Reviewed on 01/29/2013

Printing date 01/30/2013

#### Trade name: 62213 - 62263 EZ Coat

· UN ''Model Regulation'':

UN1950, AEROSOLS, MOLTEN , 2.1

## **15 Regulatory information**

· Safety, health and environmental regulations/legislation specific for the substance or mixture · Sara • Section 355 (extremely hazardous substances): None of the ingredient is listed. · Section 313 (Specific toxic chemical listings): 108-88-3 toluene 108-10-1 4-methylpentan-2-one 78-93-3 butanone ACRYLIC RESIN 1330-20-7 xylene 100-41-4 ethylbenzene 67-56-1 methanol · TSCA (Toxic Substances Control Act): 67-64-1 acetone 68476-86-8 Petroleum gases, liquefied, sweetened 108-88-3 toluene 108-10-1 4-methylpentan-2-one 110-19-0 isobutyl acetate 78-93-3 butanone 763-69-9 ethyl 3-ethoxypropionate 108-65-6 2-methoxy-1-methylethyl acetate 16883-83-3 benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate 13463-67-7 titanium dioxide 2807-30-9 2-(propyloxy)ethanol 51274-00-1 YELLOW IRON OXIDE 1330-20-7 xylene 7631-86-9 silicon dioxide, chemically prepared 1333-86-4 Carbon black · Proposition 65 · Chemicals known to cause cancer: 108-10-1 4-methylpentan-2-one 1330-20-7 xylene 1333-86-4 Carbon black 100-41-4 ethylbenzene · Chemicals known to cause reproductive toxicity for females: 108-88-3 toluene (Contd. on page 11)

(Contd. of page 9)

USA



Printing date 01/30/2013

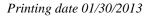
Reviewed on 01/29/2013

*Trade name: 62213 - 62263 EZ Coat* 

		(Contd. of page 10)
	wn to cause reproductive toxicity for males:	
None of the ing	redients is listed.	
· Chemicals kno	wn to cause developmental toxicity:	
108-88-3 tolue	ne	
· Cancerogenity	categories	
· EPA (Environn	mental Protection Agency)	
67-64-1 ace	tone	Ι
108-88-3 tolu	iene	II
108-10-1 4-m	nethylpentan-2-one	I
78-93-3 but	anone	1
1330-20-7 xyle	ene	I
100-41-4 ethy	vlbenzene	D
	d Limit Value established by ACGIH)	
67-64-1 ac	•	A4
108-88-3 tol		A4
13463-67-7 tite		A4
1330-20-7 xy		A4
1333-86-4 Ca		A4
100-41-4 eth		A3
	ational Institute for Occupational Safety and Health)	
13463-67-7 tite		
1333-86-4 Ca		
67-56-1 me		
	cupational Safety & Health Administration)	
	CKYL QUATERNARY AMMONIUM MONTMORILLONITE	
	<b>nents</b> The product is classified and labelled according to the Globally Harmonized <b>cams</b> GHS02, GHS07, GHS08 anger	System (GHS).
· Hazard-determ	ining components of labelling:	
toluene		
· Hazard stateme		
H222 Extremel H315 Causes sl	y flammable aerosol.	
	erious eye irritation.	
	d of damaging fertility or the unborn child.	
	se drowsiness or dizziness.	
	se damage to organs through prolonged or repeated exposure.	
• Precautionary P210		
P251	Keep away from heat/sparks/open flames/hot surfaces No smoking. Pressurized container: Do not pierce or burn, even after use.	
P305+P351+P	2338 IF IN EYES: Rinse cautiously with water for several minutes. Remove co	ontact lenses, if
D (	present and easy to do. Continue rinsing.	-
P405	Store locked up. Protect from sumlight. Do no expose to temperatures exceeding 50 °C/122 °F.	
P410+P412 P501	Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122 °F. Dispose of contents/container in accordance with local/regional/nation	al/international
	regulations.	(Contd. on page 12)

Page 11/12

USA





Page 12/12

Reviewed on 01/29/2013

Trade name: 62213 - 62263 EZ Coat

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

(Contd. of page 11)

#### **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: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organization ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association 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 USA