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Reviewed on 05/17/2016

1 Identification

- · Product identifier
- · Trade name: 39793 Heavy Texture Chip Guard
- · Article number: 39793
- · Application of the substance / the mixture Coating
- \cdot 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: CHEMTREC 1-800-424-9300

2 Hazard(s) identification

· Classification of the substance or mixture

GHS02 GHS04 Flame, Gas cylinder

Flam. Aerosol 1 H222 Extremely flammable aerosol.

GHS04 Gas cylinder

- Press. Gas H280 Contains gas under pressure; may explode if heated.
 - 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. *Asp. Tox.* 1 H304 May be fatal if swallowed and enters airways.
- GHS07
- Skin Irrit. 2H315 Causes skin irritation.Eye Irrit. 2AH319 Causes serious eye irritation.STOT SE 3H336 May cause drowsiness or dizziness.
- · Label elements

• GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). (Contd. on page 2)

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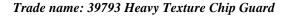
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Trade name: 39793 Heavy Texture Chip Guard

	(Contd. of page 1)
• Hazard pictogre	ams
	$\land \land \land$
(We) (
GHS02 GHS	S04 GHS07 GHS08
· Signal word Da	inger
· Hazard-determ	ining components of labeling:
toluene	General Street Str
acetone	
Talc	
butanone	
• Hazard stateme	unts and a second se
H222 Extremely	y flammable aerosol.
	gas under pressure; may explode if heated.
H315 Causes sk	
	erious eye irritation.
	l of damaging fertility or the unborn child.
•	e drowsiness or dizziness.
	e damage to organs through prolonged or repeated exposure.
	ital if swallowed and enters airways.
• Precautionary s	
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P251	Do not pierce or burn, even after use.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P211 P280	Do not spray on an open flame or other ignition source. Wear protective gloves.
P280	Wear eye protection / face protection.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
	338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present
	and easy to do. Continue rinsing.
P321	Specific treatment (see on this label).
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P331	Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P410+P403	Protect from sunlight. Store in a well-ventilated place.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations
	regulations. (Contd. on page 3)
	(conta. of page 3)

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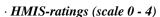
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• NFPA ratings (scale 0 - 4) Health = 1 Fire = 4 Reactivity = 3

· Classification system:



HEALTH*1Health = *1FIRE4Fire = 4REACTIVITY3Reactivity = 3

- · Other hazards
- · Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

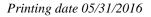
- · Chemical characterization: Mixtures
- · Description:
- *Mixture: consisting of the following components. Weight percentages*

· Dangerous components:		
108-88-3	toluene	30 - 40%
68476-86-8	Petroleum gases, liquefied, sweetened	13 - 30%
67-64-1	acetone	13 - 30%
14807-96-6	Talc	7 - 10%
	butanone	1.5 - 5%
123-86-4	n-butyl acetate	1.5 - 5%
	Caster oil derivitive (non-hazardous)	

4 First-aid measures

- · Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- 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.
- 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.

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5 Fire-fighting measures

- · Extinguishing media
- Suitable extinguishing agents:
- CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. • Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- · Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Mount respiratory protective device.
- 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.
- **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.
- Keep ignition sources away Do not smoke.
- Keep respiratory protective device available.

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:
- 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.
- · 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.

(Contd. on page 5)

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(Contd. of page 4)

expo	following constituents are the only constituents of the product which have a PEL, TLV or other recomm sure limit. is time, the other constituents have no known exposure limits.
	s time, the other constituents have no known exposure timits. 88-3 toluene
	Long-term value: 200 ppm
	Ceiling limit value: 300; 500* 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	Long-term value: 75 mg/m ³ , 20 ppm BEI
67-64	4-1 acetone
PEL	Long-term value: 2400 mg/m ³ , 1000 ppm
REL	Long-term value: 590 mg/m³, 250 ppm
TLV	Short-term value: 1187 mg/m³, 500 ppm Long-term value: 594 mg/m³, 250 ppm BEI
78-9.	3-3 butanone
PEL	Long-term value: 590 mg/m ³ , 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
<i>123-</i>	86-4 n-butyl acetate
PEL	Long-term value: 710 mg/m³, 150 ppm
REL	Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm
TLV	Short-term value: 712 mg/m³, 150 ppm Long-term value: 238 mg/m³, 50 ppm
Ingro	edients with biological limit values:
0	88-3 toluene

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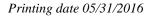
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	(Contd. of page 5)
BEI	0.02 mg/L
	Medium: blood
	Time: prior to last shift of workweek
	Parameter: Toluene
	0.03 mg/L
	Medium: urine
	Time: end of shift
	Parameter: Toluene
	0.3 mg/g creatinine
	Medium: urine
	Time: end of shift
	Parameter: o-Cresol with hydrolysis (background)
67-6	54-1 acetone
BEI	50 mg/L
	Medium: urine
	Time: end of shift
	Parameter: Acetone (nonspecific)
	03-3 butanone
BEI	2 mg/L
	Medium: urine
	Time: end of shift
	Parameter: MEK
· Add	itional information: The lists that were valid during the creation were used as basis.
	osure controls
	sonal protective equipment:
	eral protective and hygienic measures:
	p away from foodstuffs, beverages and feed.
	nediately remove all soiled and contaminated clothing.
	sh hands before breaks and at the end of work.
	e protective clothing separately.
	id contact with the eyes and skin.
	athing equipment: ase of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use
	iratory protective device that is independent of circulating air.
	tection of hands:
	to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the
	nical mixture.
	ction of the glove material on consideration of the penetration times, rates of diffusion and the degradation
111	Protective gloves
The	<i>glove material has to be impermeable and resistant to the product/ the substance/ the preparation.</i>
	erial of gloves
	selection of the suitable gloves does not only depend on the material, but also on further marks of quality and

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. (Contd. on page 7)

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• 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.

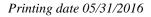
• **Eye protection:** Safety glasses



*

Tightly sealed goggles

Information on basic physical and	chemical properties
General Information	
Appearance:	
Form:	Aerosol
Color:	According to product specification
Odor:	Characteristic
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	55 °C
Flash point:	-103 °C
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	465 °C
Decomposition temperature:	Not determined.
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:	13.0 Vol %
Vapor pressure at 20 °C:	233 hPa
Density at 20 °C:	0.81411 g/cm ³
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not applicable.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/wat	ter): Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.



EM

		(Contd. of page
• Solvent content: Organic solvents: VOC content:	74.4 % 60.9 % 575.7 g/l / 4.80 lb/gl	
Solids content: • Other information	25.7 % No further relevant information available.	

10 Stability and reactivity

- *Reactivity* No further relevant information available.
- · 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		
	LD50	5000 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rat) 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

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)		
108-88-3	toluene	3
14807-96-6	Talc	3
· NTP (Natio	nal Toxicology Program)	
None of the	ingredients is listed.	
· OSHA-Ca (Occupational Safety & Health Administration)	
None of the	ingredients is listed.	
		- USA -
		(Contd. on page 9)

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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 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.
- · 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.

· UN-Number		
· DOT, ADR, IMDG, IATA	UN1950	
· UN proper shipping name		
$\cdot DOT$	Aerosols, flammable	
ADR	1950 Aerosols	
· IMDG	AEROSOLS	
· IATA	AEROSOLS, flammable	
• Transport hazard class(es) • DOT		
P ANDAR T CAL		
-		



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.	(Contd. of pag
Label	2.1
ADR	
Class	2 5F Gases
Label	2.1
IMDG, IATA	
Class Label	2.1 2.1
	2.1
Packing group DOT, ADR, IMDG, IATA	Void
Environmental hazards: Marine pollutant:	No
Special precautions for user	Warning: Gases
EMS Number:	F-D,S-U
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 lit Category A. For AEROSOLS with a capacity above 1 lit Category B. For WASTE AEROSOLS: Category C, Clear of liv quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 lit Segregation as for class 9. Stow "separated from" class 1 except division 1.4. For AEROSOLS with a capacity above 1 lit Segregation as for the appropriate subdivision of class 2. I WASTE AEROSOLS: Segregation as for the appropriate subdivis of class 2.
Transport in bulk according to Annex 1 MARPOL73/78 and the IBC Code	I of Not applicable.
Transport/Additional information:	
DOT	
Quantity limitations	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
ADR	
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
IMDG	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity



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Trade name: 39793 Heavy Texture Chip Guard

· UN ''Model Regulation'':

UN 1950 AEROSOLS, 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

14807-96-6 Talc 78-93-3 butanone

• TSCA (Toxic Substances Control Act):

108-88-3 toluene

67-64-1 acetone

14807-96-6 Talc

78-93-3 butanone 123-86-4 n-butyl acetate

16883-83-3 benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate

64742-88-7 Solvent naphtha (petroleum), medium aliph.

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

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· 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

67-64-1 acetone 78-93-3 butanone

78-95-5 Dulunone

• TLV (Threshold Limit Value established by ACGIH)

108-88-3 toluene 67-64-1 acetone

14807-96-6 Talc

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

None of the ingredients is listed.

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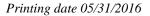
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	(Contd. of page 11) The product is classified and labeled according to the Globally Harmonized System (GHS).
Hazard pictogra	ams
	\mathbf{A}
<u> </u>	
\sim \sim	
GHS02 GHS	504 GHS07 GHS08
Signal word Da	nger
Hazard-determ	ining components of labeling:
toluene	
acetone	
Talc	
butanone	
Hazard stateme	nts
H222 Extremely	flammable aerosol.
	gas under pressure; may explode if heated.
H315 Causes sk	
H319 Causes se	rious eye irritation.
	of damaging fertility or the unborn child.
	e drowsiness or dizziness.
	e damage to organs through prolonged or repeated exposure.
	tal if swallowed and enters airways.
Precautionary s	
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P211	Do not spray on an open flame or other ignition source.
P280	Wear protective gloves.
P280	Wear eye protection / face protection.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
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	338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present
	and easy to do. Continue rinsing.
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P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P331	Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P410+P403	Protect from sunlight. Store in a well-ventilated place.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
00 11 200	(Contd. on page 13)

USA



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Trade name: 39793 Heavy Texture Chip Guard (Contd. of page 12) P501 Dispose of contents/container in accordance with local/regional/national/international regulations. · Chemical safety assessment: A Chemical Safety Assessment has not been carried out. **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 SDS: Environment protection department. · Contact: Steve Gaver (sgaver@semproducts.com) · Date of preparation / last revision 05/31/2016 / 9 · 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 Organisation 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 EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) 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 PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit **REL:** Recommended Exposure Limit BEI: Biological Exposure Limit Flam. Aerosol 1: Aerosols - Category 1 Press. Gas: Gases under pressure - Compressed gas Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A Repr. 2: Reproductive toxicity – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hazard - Category 1 • * Data compared to the previous version altered.