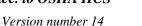
Printing date 06/11/2018





Reviewed on 06/11/2018

1 Identification

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

2 Hazard(s) identification

· Classification of the substance or mixture

GHS02 Flame

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.

H304 May be fatal if swallowed and enters airways. Asp. Tox. 1

GHS07

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



Printing date 06/11/2018

Version number 14

Safety Data Sheet acc. to OSHA HCS

Reviewed on 06/11/2018

Trade name: 39793 Heavy Texture Chip Guard

		(Cartel of recent)
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Printing date 06/11/2018

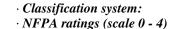
acc. to OSHA HCS Version number 14

Safety Data Sheet

Reviewed on 06/11/2018

(Contd. of page 2)

Trade name: 39793 Heavy Texture Chip Guard







HEALTH2Health = 2FIRE4Fire = 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*

U	Dangerous components:		
108-88-3	toluene	30-40%	
68476-86-8	Petroleum gases, liquefied, sweetened	13-30%	
67-64-1	acetone	10-13%	
14807-96-6		<i>≥</i> 7-<10%	
	butanone	1.5-5%	
123-86-4	n-butyl acetate	1.5-5%	
51796-19-1	Caster oil derivative	1.5-5%	

4 First-aid measures

- · Description of 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.
- 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.

(Contd. on page 4)

Version number 14



Page 4/14

Reviewed on 06/11/2018

Trade name: 39793 Heavy Texture Chip Guard

(Contd. of page 3)

5 Fire-fighting measures

· Extinguishing media

Printing date 06/11/2018

- 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 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.
- 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.

· Protective Action Criteria for Chemicals

108-88-3	toluene	67 ppm
67-64-1	acetone	200 ppm
78-93-3	butanone	200 ppm
123-86-4	n-butyl acetate	5 ppm
112945-52-5	SILICA	18 mg/m
1330-20-7	xylene	130 ppm
100-41-4	ethylbenzene	33 ppm
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
78-83-1	butanol	150 ppm
70657-70-4	2-methoxypropyl acetate	50 ppm
PAC-2:		
108-88-3	toluene	560 ppm
67-64-1	acetone	3200* ppn
78-93-3	butanone	2700* ppn
123-86-4	n-butyl acetate	200 ppm
112945-52-5	SILICA	100 mg/m
1330-20-7	xylene	920* ppm
100-41-4	ethylbenzene	1100* ppn
	2-methoxy-1-methylethyl acetate	1,000 ppm
108-65-6		
	butanol	1,300 ppm

Version number 14

Reviewed on 06/11/2018

Printing date 06/11/2018

Trade name: 39793 Heavy Texture Chip Guard

	(Contd. of page 4
· PAC-3:	
108-88-3 toluene	3700* ppm
67-64-1 acetone	5700* ppm
78-93-3 butanone	4000* ppm
123-86-4 n-butyl acetate	3000* ppm
112945-52-5 SILICA	630 mg/m ³
1330-20-7 xylene	2500* ppm
100-41-4 ethylbenzene	1800* ppm
108-65-6 2-methoxy-1-methylethyl acetate	5000* ppm
78-83-1 butanol	8000* ppm
70657-70-4 2-methoxypropyl acetate	5,000 ppm

7 Handling and storage

· Handling:

· Precautions for safe handling No special measures required.

- 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.

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.
- · Control parameters
- · Components with limit values that require monitoring at the workplace:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

108-88-3 toluene

- PEL 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/m³, 20 ppm BEI

(Contd. on page 6)

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Printing date 06/11/2018

Version number 14

Reviewed on 06/11/2018

Trade name: 39793 Heavy Texture Chip Guard

PEL Long-term value: 2400 mg/m², 1200 ppm REL Long-term value: 590 mg/m², 230 ppm Long-term value: 197 mg/m², 230 ppm BEI Long-term value: 590 mg/m², 200 ppm REL Short-term value: 590 mg/m², 200 ppm REL Short-term value: 590 mg/m², 200 ppm REL Short-term value: 590 mg/m², 200 ppm Long-term value: 590 mg/m², 200 ppm Long-term value: 590 mg/m², 200 ppm Long-term value: 590 mg/m², 200 ppm BEI 123-86-4 n-butyl acetate PEL PEL Long-term value: 590 mg/m², 200 ppm BEI Cong-term value: 710 mg/m², 150 ppm Long-term value: 238 mg/m², 50 ppm Ingredients with biological limit values: 108-88-3 toluene BEI 0.02 mg/L Medium: biood Time: roir to last shift of workweek Parameter: Toluene 0.3 mg/L 0.3 mg/L Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background) C7-0-4 1 acetone BEI <	67-6-	4-1 acetone	(Contd. of pa
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Time: end of shift Parameter: MEK			
Parameter: MEK			

Page 6/14

Printing date 06/11/2018

Version number 14

Reviewed on 06/11/2018

Trade name: 39793 Heavy Texture Chip Guard

(Contd. of page 6)

Page 7/14

- · Exposure controls
- · Personal protective equipment:
- General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately. 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:

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



Protective gloves

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

Safety glasses



*

Tightly sealed goggles

Information on basic physical and a General Information	chemical properties	
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:	55.8-56.6 °C	

Reviewed on 06/11/2018

Trade name: 39793 Heavy Texture Chip Guard

Printing date 06/11/2018

	(Contd. of page
Flash point:	-103 °C
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	535 °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:	9.5 Vol %
Vapor pressure at 20 °C:	29 hPa
Density at 20 °C:	0.81095 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/wa	ter): Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	75.5 %
VOC content:	62.66 %
	585.0 g/l / 4.88 lb/gal
Solids content:	24.5 %
Other information	No further relevant information available.

Version number 14

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.

(Contd. on page 9)

US/



Page 9/14

Reviewed on 06/11/2018

Printing date 06/11/2018

Trade name: 39793 Heavy Texture Chip Guard

(Contd. of page 8)

		·	
108-88-3 t		t are relevant for classification:	
		5,000 mg/kg (rat)	
		12,124 mg/kg (rabbit)	
Inhalative		5,320 mg/l (mouse)	
 Sensitization Additional 	l toxicologi	sitizing effects known. ical information:	
Sensitization Additional The product Irritant Carcinoge	on: No sen l toxicologi ct shows th nic categor	sitizing effects known. ical information: he following dangers according to internally approved calculation ma ries	ethods for preparations
Sensitization Additional The produce Irritant Carcinoge IARC (Interview)	on: No sen l toxicologi ct shows th nic categor	esitizing effects known. ical information: ie following dangers according to internally approved calculation ma	ethods for preparations
Sensitization Additional The produce Irritant Carcinoge IARC (Interview)	on: No sen l toxicologi ct shows th enic categor ernational 3 toluene	sitizing effects known. ical information: he following dangers according to internally approved calculation ma ries	
Sensitizatio Additional The product Irritant Carcinoge IARC (Intel 108-88	on: No sen I toxicologi ct shows th enic categor ernational 3 toluene 6 Talc	sitizing effects known. ical information: he following dangers according to internally approved calculation ma ries	3
Sensitizatio Additional The produce Irritant Carcinoge IARC (Intel 108-88- 14807-96-0 1330-20-	on: No sen I toxicologi ct shows th enic categor ernational 3 toluene 6 Talc	esitizing effects known. ical information: he following dangers according to internally approved calculation ma ries Agency for Research on Cancer)	3
 Sensitization Additional The product Irritant Carcinogen IARC (Intel 108-88- 14807-96-0 1330-20-1 100-41-0 	on: No sentoxicologitoxicologict shows thenic categorernational3 toluene6 Talc7 xylene4 ethylben	esitizing effects known. ical information: he following dangers according to internally approved calculation ma ries Agency for Research on Cancer)	3 3 3

Version number 14

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.

(Contd. on page 10)

US/



Page 10/14

Printing date 06/11/2018

Version number 14

Trade name: 39793 Heavy Texture Chip Guard

(Contd. of page 9)

13 Disposal considerations

· Waste treatment methods

· Recommendation:

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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	
DOT	Aerosols, flammable
ADR	1950 Aerosols
IMDG	AEROSOLS
IATA	AEROSOLS, flammable
Transport hazard class(es)	
DOT	
Class	2.1
Label	2.1
ADR	
Class	2 5F Gases
Label	2.1
IMDG, IATA	
2	
Class	2.1
Label	2.1
Packing group	
DOT, ADR, ÎMDG, IATA	Void
Environmental hazards:	
Marine pollutant:	No
Special precautions for user	Warning: Gases

Page 11/14

Safety Data Sheet acc. to OSHA HCS

Printing date 06/11/2018

Version number 14

Reviewed on 06/11/2018

Trade name: 39793 Heavy Texture Chip Guard

	(Contd. of page 10
 EMS Number: Stowage Code Segregation Code 	F-D,S-U SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
• Transport in bulk according to Annex	II of
MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
• DOT	On passenger aircraft/rail: 75 kg
• Quantity limitations	On cargo aircraft only: 150 kg
· ADR	Code: E0
· Excepted quantities (EQ)	Not permitted as Excepted Quantity
· IMDG	1L
· Limited quantities (LQ)	Code: E0
· Excepted quantities (EQ)	Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

15 Regulatory information

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 \cdot Safety, health and environmental regulations/legislation specific for the substance or mixture \cdot Sara

· Section 355	· 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		
1330-20-7	xylene		
100-41-4	ethylbenzene		
· TSCA (Toxi	ic 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		
L	(Contd. on page 12)		





Printing date 06/11/2018

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16883-83-3	benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate	(Contd. of page
1330-20-7		
	ethylbenzene	
	Solvent naphtha (petroleum), medium aliph.	
	2-methoxy-1-methylethyl acetate	
78-83-1		
· TSCA new (21st Century Act) (Substances not listed)	
68476-86-8	Petroleum gases, liquefied, sweetened	
51796-19-1	Caster oil derivative	
· Proposition	65	
· Chemicals k	nown to cause cancer:	
1330-20-7 x	ylene	
100-41-4 e	rthylbenzene	
· Chemicals k	nown to cause reproductive toxicity for females:	
None of the	ingredients is listed.	
· Chemicals k	nown to cause reproductive toxicity for males:	
None of the	ingredients is listed.	
· Chemicals k	nown to cause developmental toxicity:	
108-88-3 to	luene	
· Cancerogen	ity categories	
· EPA (Envir	onmental Protection Agency)	
108-88-3 1		د
67-64-1 u	icetone	
78-93-3 l	putanone	د ا
1330-20-7 x	ylene	
100-41-4 e	thylbenzene	Ì
• TLV (Thres	hold Limit Value established by ACGIH)	
108-88-3	toluene	Α
67-64-1	acetone	A
14807-96-6	Talc	A
1330-20-7		A
100-41-4	ethylbenzene	A
· NIOSH-Ca	(National Institute for Occupational Safety and Health)	
None of the	ingredients is listed.	

· Hazard pictograms



· Signal word Danger

(Contd. on page 13)

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EN

Printing date 06/11/2018

Version number 14

Page 13/14

Reviewed on 06/11/2018

Trade name: 39793 Heavy Texture Chip Guard

	(Contd. of page 12
Hazard-determi	ining components of labeling:
toluene	
acetone	
ethylbenzene	
butanone	
Hazard stateme	nts
H222 Extremely	flammable aerosol.
	gas under pressure; may explode if heated.
H315 Causes sk	
H319 Causes se	rious eye irritation.
H361 Suspected	of damaging fertility or the unborn child.
H336 May cause	e drowsiness or dizziness.
H373 May cause	e damage to organs through prolonged or repeated exposure.
H304 May be fa	tal if swallowed and enters airways.
Precautionary s	tatements
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	If swallowed: Immediately call a poison center/doctor.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P302+P352	If on skin: Wash with plenty of water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P3	338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if preser
	and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a poison center/doctor if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
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.
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: Rita Joiner (rjoiner@semproducts.com)

(Contd. on page 14)

USA

Version number 14



Page 14/14

Reviewed on 06/11/2018

Printing date 06/11/2018

Trade name: 39793 Heavy Texture Chip Guard

	d. of page 13)
Date of preparation / last revision 06/11/2018 / 13	
Abbreviations and acronyms:	
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Co	oncerning 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.	