



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

- **Product identifier**
- **Trade name:** 40824 Pro-Tex Chip Guard (for kit)
- **Article number:** 40824
- **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 Composition/information on ingredients

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

· **Dangerous components:**

	POLYESTER RESIN	H301; H315; H319; H335	30 - 40%
	ACRYLIC RESIN	H315; H319; H336	13 - 30%
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	H315; H319; H335	13 - 30%
67-64-1	acetone	H225; H319; H336	13 - 30%
110-43-0	heptan-2-one	H226; H302; H332	1.5 - 5%
112945-52-5	SILICA	H315; H319; H335	1.5 - 5%
1330-20-7	xylene	H226; H312; H332; H315	1-1.5%

3 Hazards identification

- **Classification of the substance or mixture**



GHS02 Flame

H225 Highly flammable liquid and vapour.



GHS07

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335+H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H333 May be harmful if inhaled.

- **Label elements**

- **GHS label elements** The product is classified and labelled according to the Globally Harmonized System (GHS).

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- **Hazard pictograms** GHS02, GHS07
- **Signal word** *Danger*
- **Hazard-determining components of labelling:**
POLYESTER RESIN
heptan-2-one
- **Hazard statements**
Highly flammable liquid and vapour.
Harmful if swallowed.
May be harmful if inhaled.
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation. May cause drowsiness or dizziness.
- **Precautionary statements**
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Use explosion-proof electrical/ventilating/lighting/equipment.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



4 First aid measures

- **General information:**
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **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:** Immediately call a doctor.

5 Firefighting measures

- **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.

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· **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:**

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

· **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.

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.

· **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.

· **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) NIC-1187 mg/m³, (750) NIC-500 ppm

Long-term value: (1188) NIC-475 mg/m³, (500) NIC-200 ppm

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110-43-0 heptan-2-one

 PEL 465 mg/m³, 100 ppm

 REL 465 mg/m³, 100 ppm

 TLV 233 mg/m³, 50 ppm

1330-20-7 xylene

 PEL 435 mg/m³, 100 ppm

 REL Short-term value: 655 mg/m³, 150 ppm

 Long-term value: 435 mg/m³, 100 ppm

 TLV Short-term value: 651 mg/m³, 150 ppm

 Long-term value: 434 mg/m³, 100 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.

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**

 · **Appearance:**

Form:

Liquid

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· Color:	According to product specification
· Odor:	Characteristic
· Odour threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	56°C (133 °F)
· Flash point:	-18°C (-0 °F)
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	465°C (869 °F)
· 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:	2.6 Vol %
Upper:	13.0 Vol %
· Vapor pressure at 20°C (68 °F):	233 hPa (175 mm Hg)
· Density at 20°C (68 °F):	1.11 g/cm ³ (9.263 lbs/gal)
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Segregation coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	24.1 %
VOC content:	6.1 %
	163.7 g/l / 1.37 lb/gl
· Solids content:	69.1 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

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11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.


12 Ecological information

- **Acquatic 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.
- **Additional ecological information:**
- **General notes:**
 Water hazard class 1 (Self-assessment): slightly hazardous for water
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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.

14 Transport information

- | | |
|---|------------------------------------|
| · UN-Number | UN1263 |
| · DOT, ADR, IMDG, IATA | |
| · UN proper shipping name | PAINT |
| · DOT, IMDG, IATA | 1263 PAINT, special provision 640D |
| · ADR | |
| · Transport hazard class(es) | |
| · DOT, IMDG, IATA | |
|  | |
| · Class | 3 Flammable liquids. |

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· **Label** 3· **ADR**· **Class** 3 Flammable liquids· **Label** 3· **Packing group**· **DOT, ADR, IMDG, IATA** II· **Environmental hazards:**· **Marine pollutant:** No· **Special precautions for user** Warning: Flammable liquids· **EMS Number:** F-E, S-E· **Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code** Not applicable.· **Transport/Additional information:**· **DOT**· **Remarks** ORM-D 49CFR 173.150, 156, 306· **UN "Model Regulation":** UN1263, PAINT, special provision 640D, 3, II

15 Regulatory information

· **Sara**· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

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

	ACRYLIC RESIN
14807-96-6	Talc ($Mg_3H_2(SiO_3)_4$)
1330-20-7	xylene

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

14807-96-6	Talc ($Mg_3H_2(SiO_3)_4$)
67-64-1	acetone
110-43-0	heptan-2-one
1330-20-7	xylene
123-86-4	n-butyl acetate

· **Proposition 65**· **Chemicals known to cause cancer:**

1330-20-7	xylene
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· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

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

None of the ingredients is listed.

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

None of the ingredients is listed.

· **Carcinogenity categories**· **EPA (Environmental Protection Agency)**

67-64-1	acetone	I
1330-20-7	xylene	I

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

14807-96-6	Talc ($Mg_3H_2(SiO_3)_4$)	3
1330-20-7	xylene	3

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

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

14807-96-6	Talc ($Mg_3H_2(SiO_3)_4$)	A4
67-64-1	acetone	A4
1330-20-7	xylene	A4

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

None of the ingredients is listed.

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

None of the ingredients is listed.

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

POLYESTER RESIN

heptan-2-one

· **Hazard statements**

Highly flammable liquid and vapour.

Harmful if swallowed.

May be harmful if inhaled.

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation. May cause drowsiness or dizziness.

· **Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Use explosion-proof electrical/ventilating/lighting/equipment.

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

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Store locked up.

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

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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

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

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)

USA