

Material Safety Data Sheet

According to 2001/58/EC

Printing date 05.10.2005

version n° 5

Reviewed on 05.10.2005





1 Identification of substance:

- **Product details:**
- **Trade name:** *GUTOID PARKETT S11*
- **Application of the substance / the preparation** Coat adhesive
- **Manufacturer/Supplier:**
KERAKOLL S.p.A.
Via dell'Artigianato, 9
41049 Sassuolo (MODENA) ITALY
Tel. +39 0536 816511
Fax. +39 0536 816581
- **Informing department:** Product safety department.

2 Composition/Data on components:

- **Chemical characterization**
- **Description:** Adhesive.

- Dangerous components:

CAS: 141-78-6 EINECS: 205-500-4	ethyl acetate	 Xi,  F; R 11-36-66-67	10-25%
CAS: 67-64-1 EINECS: 200-662-2	acetone	 Xi,  F; R 11-36-66-67	2.5-10%

3 Hazards identification

- Hazard designation:



F Highly flammable

- Information pertaining to particular dangers for man and environment

R 11 Highly flammable.

- Classification system

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4 First aid measures

- General information

Instantly remove any clothing soiled by the product.

In case of irregular breathing or respiratory arrest provide artificial respiration.

Take affected persons into the open air.

- After inhalation

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness bring patient into stable side position for transport.

- After skin contact

Instantly wash with water and soap and rinse thoroughly.

- After eye contact

Rinse opened eye for several minutes under running water.

- After swallowing

Do not induce vomiting; instantly call for medical help.

- Information for doctor

- The following symptoms may occur:

Dazed

Dizziness

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Sickness

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5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, sand, extinguishing powder. Do not use water.
Foam
- **For safety reasons unsuitable extinguishing agents** Water.
- **Special hazards caused by the material, its products of combustion or resulting gases:**
Can be released in case of fire
Carbon monoxide (CO)
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:**
Put on breathing apparatus.
Do not inhale explosion gases or combustion gases.
- **Additional information**
Cool endangered containers with water spray jet.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
Collect contaminated fire fighting water separately. It must not enter drains.

6 Accidental release measures

- **Person-related safety precautions:**
Ensure adequate ventilation
Keep away from ignition sources
Use breathing protection against the effects of fumes/dust/aerosol.
Bring persons out of danger.
- **Measures for environmental protection:**
Prevent material from reaching sewage system, holes and cellars.
Do not allow product to reach sewage system or water bodies.
Inform respective authorities in case product reaches water or sewage system.
Do not allow to enter drainage system, surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
Dispose of contaminated material as waste according to item 13.
Allow to solidify. Collect mechanically.
- **Additional information:**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

7 Handling and storage

- **Handling**
- **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Use only in well ventilated areas.
Keep containers tightly sealed.
Store in cool, dry place in tightly closed containers.
Keep away from heat and direct sunlight.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Highly volatile, flammable constituents are released during processing.
Protect against electrostatic charges.
Fumes can combine with air to form an explosive mixture.

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- **Storage**
- **Requirements to be met by storerooms and containers:**
Store in cool location.
Store only in unopened original containers.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed containers.
Protect from frost.
Store container in a well ventilated position.

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:**

471-34-1 calcium carbonate (25-50%)

OES Long-term value: 10*4** mg/m³
*total inhalable dust **respirable dust

141-78-6 ethyl acetate (10-25%)

OES Short-term value: 400 ppm
Long-term value: 200 ppm
Rev

67-64-1 acetone (2.5-10%)

OES Short-term value: 3620 mg/m³, 1500 ppm
Long-term value: 1210 mg/m³, 500 ppm
New, IOELV

84-69-5 diisobutyl phthalate (1-2.5%)

OES Long-term value: 5 mg/m³

- **Additional information:** The lists that were valid during the compilation were used as basis.

- **Personal protective equipment**

- **General protective and hygienic measures**

The usual precautionary measures should be adhered to general rules for handling chemicals.

- Take off immediately all contaminated clothing
- Keep away from foodstuffs, beverages and food.
- Wash hands during breaks and at the end of the work.
- Do not inhale gases / fumes / aerosols.
- Avoid contact with the eyes and skin.
- Apply solvent resistant clothing before beginning work.

- **Breathing equipment:**

Not necessary if room is well-ventilated.
Use breathing protection in case of insufficient ventilation.
Filter A/P2.

- **Protection of hands:** Protective gloves.

- **Material of gloves**

PVC gloves
Natural rubber, NR

- **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:** Safety glasses recommended during refilling.

- **Body protection:** Protective work clothing.

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9 Physical and chemical properties:

- General Information

Form:	Fluid
Colour:	Beige
Odour:	Characteristic

- Change in condition

Melting point/Melting range:	Not determined
Boiling point/Boiling range:	55°C

- Flash point:	-5°C
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- Ignition temperature:	450°C
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- Self-inflammability:	Product is not selfigniting.
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- Danger of explosion:	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
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- Critical values for explosion:

Lower:	2.1 Vol %
Upper:	11.5 Vol %

- Vapour pressure at 20°C:	97 hPa
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- Density at 20°C	1.55 g/cm ³
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- Solubility in / Miscibility with

Water:	Not miscible or difficult to mix
Organic solvents:	18.0 %

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

- **Dangerous reactions** Reacts with strong oxidizing agents

- Dangerous products of decomposition:

Carbon monoxide and carbon dioxide
Inflammable gases/vapours

11 Toxicological information

- Acute toxicity:

- Primary irritant effect:

- **on the skin:** No irritant effect.

- **on the eye:** Irritant effect.

- **Sensitization:** No sensitizing effect known.

12 Ecological information:

- General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

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13 Disposal considerations

- Product:

- Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Must be specially treated under adherence to official regulations.

- Uncleaned packagings:

- Recommendation:

Dispose of packaging according to regulations on the disposal of packagings.

Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

Disposal must be made according to official regulations.

14 Transport information

- Land transport ADR/RID (cross-border)



- ADR/RID-GGVS/E Class: 3 Flammable liquids.

- Kemler Number: 33

- UN-Number: 1133

- Packaging group: II

- Label: 3

- Designation of goods: 1133 ADHESIVES, special provision 640D

- Maritime transport IMDG:



- IMDG Class: 3

- UN Number: 1133

- Label: 3

- Packaging group: II

- EMS Number: F-E,S-D

- Marine pollutant: No

- Correct technical name: ADHESIVES

- Air transport ICAO-TI and IATA-DGR:



- ICAO/IATA Class: 3

- UN/ID Number: 1133

- Label: 3

- Packaging group: II

- Correct technical name: ADHESIVES

15 Regulatory information

- Designation according to EC guidelines:

The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)

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- Code letter and hazard designation of product:

F Highly flammable

- Risk phrases:

11 Highly flammable.

- Safety phrases:

8 Keep container dry.

9 Keep container in a well-ventilated place.

16 Keep away from sources of ignition - No smoking.

23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

33 Take precautionary measures against static discharges.

- National regulations**- Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**16 Other information:****- Relevant R-phrases**

11 Highly flammable.

36 Irritating to eyes.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

- Contact: Dr. G. Ghirardini c/o Kerakoll S.p.A. tel. +39 0536 816511 fax +39 0536 816581**- Others regulations**

The safety data sheet has been drawn up in accordance with European directives 1999/45/EC, 2001/58/EC, 2001/59/EC and 2001/60/EC.

- * Data compared to the previous version altered.

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