

EC Safety Data Sheet 91/155/EWG

1. Product and Company Identification




<u>Commercial product name:</u>	TECNO-SKIN cement spacers, TECNO-SKIN thinner. Item: 5050, 5051, 5052, 5053, 5054, 5055, 5061
<u>Commercialized by:</u>	Smile Line Sàrl, Le Tombet 10, CH-2608 Courtelary – Switzerland Ph. +41 32 944 2244, Fax +41 32 944 2245
<u>Producer:</u>	Prisman GmbH, D-68519 Viernheim – Germany
<u>TOX emergency number:</u>	Landesberatungsstelle für Vergiftungserscheinungen und Embryonal-Toxikologie Pulsstraße 3-7, D-14059 Berlin Tel. ++49 (0)30 19240 Telefax: ++49 (0)30 32680721

2. Composition

Chemical characterisation:

Polyacrylates in solvents.

Hazardous components:

	<u>CAS-Nr.</u>	<u>EINECS-Nr.</u>	<u>EG-Nr.</u>	<u>Label:</u>	<u>R-Phrase</u>	<u>%</u>
Butanone	78-93-3	201-159-0	606-002-00-3	F, Xi  	11-36-66-67	40-80
Butyl acetate	123-86-4	204-658-1	607-025-00-1	F 	11-66-67	10-30

3. Hazards identification



R 11 Extremely flammable. R 36 Irritating to eyes. R 66 Repeated exposure may cause skin dryness or cracking. R 67 Vapors may cause drowsiness and dizziness.

4. First Aid Measures

Eye contact:

On contact with the eyes, rinse the eyes with water with the eyelids open for a sufficient length of time, then seek medical (ophthalmological) advice immediately.

Skin contact:

On contact with the skin, wash off immediately with soap and water. Do not allow product to dry on the skin. If skin irritation persists, seek medical advice.

If swallowed:

If swallowed, administer the following drink immediately water and call a physician immediately (show packaging or label). Do not induce vomiting.

Inhalation:

Take into fresh air. If you feel unwell, seek medical advice (show this data sheet).

Further information:

none

EC Safety Data Sheet 91/155/EWG

5. Fire-fighting Measures

Suitable extinguishing media:

Foam, powder, carbon dioxide, water fog

extinguishing media to avoid:

Do not use direct water stream

further information:

Violent eruption of containers may occur under fire conditions.

6. Accidental Release Measures

Personal precautions:

Avoid skin contact.

Environmental precautions:

Keep away from sources of ignition. No smoking - Explosion hazards! Do not allow to enter drains/surface waters/groundwater.

Methods for cleaning up / taking up:

Suitable material for picking up: Universal binder, Sand, Kieselguhr. Treat recovered material as prescribed in: Disposal considerations.

Additional information:

none

7. Handling and Storage

Hints for safe handling:

Avoid the following: Skin and eye contact and inhalation of substance.

Hints for protection against fire and explosion

Product is highly flammable. Vapours are heavier than air and can form explosive mixtures with air. do not expose to high temperatures. Should not be exposed to flame or ignition sources.

Storage:

Keep container tightly closed and store in well ventilated place. Store only in original container. and heat. Do not smoke. Take precautionary measures against electrostatic loading.

Further information on storage conditions:

See VBF.

Storage class:

3A

EC Safety Data Sheet 91/155/EWG

8. Exposure Controls / Personal Protection

Exposure limit type:

MAK: 200ml/m³ 590mg/m³ (Butanone)
MAK: 200ml/m³ 950mg/m³ (Butylacetate)

Personal protection equipment

Respiratory protection:

Respiratory protection necessary at exposure limit excess. Filtering device (full mask or mouthpiece) with filter A2.

Hand protection:

Hand protection is necessary. Suitable materials is Butyl (butyl rubber) 0,5mm. Breakthrough time (maximal wear duration at permanent contact:): 60min.

Eye protection:

Eye glasses with side protection.

Protective clothing:

Labor smock.

General health and safety measures:

Remove contaminated, saturated clothing immediately. Usual hygienic measures are necessary. When using, do not drink, eat or smoke.

9. Physical and Chemical Properties

<u>Appearance:</u>	varnish, lacquer
<u>Colour:</u>	-
<u>Odour:</u>	organic solvents
<u>Boiling point:</u>	79°C (Butanone)
<u>Flashpoint:</u>	-1°C (Butanone)
<u>Explosion limits:</u>	upper: 1,8%, lower: 11,5% (Butanone)
<u>Vapourpressure:</u>	105 mbar at 20°C (Butanone)
<u>Density:</u>	0,85-1,05 g/cm ³ at 20°C
<u>Solubility in water:</u>	practically not
<u>pH-Value:</u>	not applicable

10. Stability and Reactivity

Conditions to avoid:

When heated:

Do not expose to temperatures exceeding 50°C.

Materials to avoid:

Oxidizing agent.

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed.

Further information:

Highly flammable product. Avoid ignition sources such as flames or spark producing equipment.

EC Safety Data Sheet 91/155/EWG

11. Toxicological Information

Acute toxicity:

LD₅₀ oral 2737 mg / kg (rat, Butanone)
LD₅₀ dermal 5000 mg / kg (rabbit, Butanone)
LD₅₀ oral 13100 mg/kg (rat, Butyl acetate)

After eye contact:

irritant.

After skin contact:

irritant.

After inhalation:

irritant.

Sensitization:

Not sensitizing.

Further information:

Excessive exposure may cause eye and respiratory irritation. Do not breathe vapour. Signs and symptoms of excessive exposure may be narcotic effects.

12. Ecological Information

Information about elimination (persistence and degradation)

Abiotic degradation in air.

Aquatic toxicity:

EC₀ (Pseudomonas putida) 1150mg/l/16h (Butanone)
EC₅₀ (Pseudomonas putida) 959mg/l/18h (Butylacetate)

Bacteria toxicity:

EC₀ (Daphnia magna) 7060mg/l/ (Butanone)
IC₅₀ (Scenedesmu subspicatus) 675mg/l/72h (Butylacetate)

Further ecological information:

Will not pollute the effluent provided it is processed correctly. Do not allow to enter drains/surface waters/groundwater.

German „Wassergefährdungsklasse“ WGK 1.

13. Disposal Considerations

Disposal / Waste (product):

080111 waste paint and varnish containing organic solvents or other dangerous substances.

EC Safety Data Sheet 91/155/EWG

14. Transport Information

Transport at land (GGVS/GGVE)

GGVS/E Class: 3 flammable liquids
Packing group: II
Kemler-No.: 33
UN-No: 1263
Name of substance: paint, paint related materials

Transport at sea (IMDG/GGVSee):

IMDG/GGVSee-Class: 3.3
IMDG-Code page: 3372
UN-Nr: 1263
EMS-Nummer: 3-05
MFAG: 310
Sea transport statement: flammable liquids

Air transport (ICAO-TI and IATA-DGR):

ICAO/IATA-Class: 3
UN/ID-No: 1263, paint, paint related materials
Packing group: II
Labels: flammable liquids

15. Regulatory Information

This product requires classification according to the criteria of the EC and the „Gefahrstoffverordnung“
Labelling



F Highly flammable, Xi Irritant

Risk phrases:

R 11 Highly flammable
R 36 Irritating to eyes.
R 66 Repeated exposure may cause skin dryness or cracking.
R 67 Vapors may cause drowsiness and dizziness.

Safety phrases:

S 9 Keep container in a well-ventilated place.
S 16 Keep away from sources of ignition – No smoking.
S 25 Avoid contact with eyes.

16. Other Information

Only use for dental technicians. Keep out of the reach of children. During shipment, storage, installation and use, this material should not be exposed to flame or ignition sources.

SMILE LINE Sàrl
Le Tombet 10, CH-2608 Courtelary
Ph. +41 32 944 2244, Fax +41 32 944 2245

www.smileline.ch
mail@smileline.ch

Customs tariff number: 32082010
