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THE PERFECT FINISH

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.04.2024 Version number 48 (replaces version 47) Revision: 30.03.2022

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

- · 1.1 Product identifier
- · Trade name: PLASTI-KOTE T&S SATIN CHOCOLATE BROWN 22113/RAL8017 6UC 400 ML
- · Article number: 022113
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.

· Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

- · Product category Paint remover
- · Process category

PROC7 Industrial spraying

PROC11 Non industrial spraying

- · Application of the substance / the mixture Paint
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

European Aerosols B.V.

Wolfraamweg 2

NL-8471 XC Wolvega

The Netherlands

Tel: +31 (0)561 694400

e-mail: sds-nl@european-aerosols.com

- · Further information obtainable from: Department Product Safety
- · 1.4 Emergency telephone number:

+31 (0)561-694400 (09:00h - 17:00h)

UK: NPIS National Poisons Information Centre Tel: +44 0344 892 0111

IRL: Beaumont Hospital - National Poisons Information Centre: Tel: +353 1 8092566

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008



Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



Eye Irrit. 2 H319

Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

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Trade name: PLASTI-KOTE T&S SATIN CHOCOLATE BROWN 22113/RAL8017 6UC 400 ML

· Hazard pictograms





GHS02

· Signal word Danger

· Hazard-determining components of labelling:

acetone

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

· Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

· Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P260 Do not breathe spray.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Dispose of contents / container in accordance with regional regulations. P501

· Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

Buildup of explosive mixtures possible without sufficient ventilation.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

· 2.3 Other hazards

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

SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- · Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49	acetone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336 EUH066	25-<50%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	propane Flam. Gas 1A, H220 Press. Gas (Comp.), H280	12.5-<20%

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EC number: 919-857-5 Reg.nr.: 01-2119463258-33	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 EUH066	12.5-<20%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	butane (containing < 0,1 % butadiene (203-450-8)) Flam. Gas 1A, H220 Press. Gas (Comp.), H280	10-<12.5%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	isobutane (containing < 0,1 % butadiene (203-450-8)) Flam. Gas 1A, H220 Press. Gas (Comp.), H280	10-<12.5%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17	titanium dioxide © Carc. 2, H351	≥1-<2.5%
CAS: 2457-02-5 EINECS: 219-536-3 Reg.nr.: 01-2120783571-49	strontium(II) 2-ethylhexanoate Repr. 1A, H360D Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Irrit. 2, H315	<0.3%

· Additional information:

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex 1A 1272/2008 EU), so the classification as carcinogen need not to apply.

For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Generally the product does not irritate the skin.
- · After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- · After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.
- · 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

• 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- 5.2 Special hazards arising from the substance or mixture

 During heating or in case of fire poisonous gases are produced.
- · 5.3 Advice for firefighters -
- · Protective equipment: Mouth respiratory protective device.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Mount respiratory protective device.

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Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

- 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- · 6.3 Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

· 6.4 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.

SECTION 7: Handling and storage

- · 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
- · Information about fire and explosion protection:

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Keep respiratory protective device available.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurised containers.

- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep container tightly sealed.
- · Storage class: 2 B
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

- · 8.1 Control parameters
- · Ingredients with limit values that require monitoring at the workplace:

67-64-	. 1	acetone

WEL Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm

106-97-8 butane (containing < 0,1 % butadiene (203-450-8))

WEL Short-term value: 1810 mg/m³, 750 ppm Long-term value: 1450 mg/m³, 600 ppm

Long-term value: 1430 mg/m³, 600 ppm Carc (if more than 0.1% of buta-1.3-diene)

13463-67-7 titanium dioxide

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

· DNELs

67-64-1 acetone

Oral	DNEL	62 mg/kg /per day (Consumer, longterm systemic)				
Dermal	DNEL	62 mg/kg /per day (Consumer, longterm systemic)				
	DNEL	186 mg/kg /per day (Worker, longterm systemic)				
		2420 mg/m3 (Worker, acute local)				
	DMEI	1210 / 2/11/ 1 1 / 1				

DNEL 1210 mg/m3 (Worker, longterm systemic)
DNEL 200 mg/m3 (Consumer, longterm systemic)

DNEL 60 mg/m3

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Hydrocarb	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics						
Oral	DNEL	125 mg/kg /per day (Consumer, longterm systemic)					
Dermal	DNEL	208 mg/kg /per day (Worker, longterm systemic)					
	DNEL	125 mg/kg /per day (Consumer, longterm systemic)					
Inhalative	DNEL	871 mg/m3 (Worker, longterm systemic)					
	DNEL	185 mg/m3 (Consumer, longterm systemic)					

· PNECs

67-64-1 acetone

PNEC 10.6 mg/l (Freshwater)
PNEC 1.06 mg/l (Seawater)
PNEC 21 mg/l (Sporadic release)

PNEC 100 mg/l (Sewage treatment plant)
PNEC 30.4 mg/kg (Freshwater sediment)

PNEC 3.04 mg/kg (Seawater sediment)

PNEC 29.5 mg/kg (Soil)

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as 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.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Avoid contact with the eyes.

· Respiratory protection:



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A2/P3

· Hand protection



Protective gloves

· Material of gloves

Butyl rubber, BR

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.

· Penetration time of glove material

Butyl rubber gloves with a thickness of 0.4 mm are resistant to:

Acetone: 480 min Butyl acetate: 60 min Ethyl acetate: 170 min Xylene: 42 min

Butyl rubber gloves with a thickness of 0.4 mm are solvent resistant for 42-480 minutes. As protective measure, we recommend that users and responsible persons for work safety assume solvent resistance length of 42 minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in particular cases.

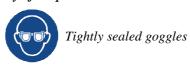
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· Eye/face protection



SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state

· Colour: Different according to colouring

· Odour: Solvent-like Not determined. · Odour threshold: · Melting point/freezing point: Undetermined.

· Boiling point or initial boiling point and boiling

Not applicable, as aerosol. range

· Flammability Not applicable.

· Lower and upper explosion limit

0.6 Vol % (Hydrocarbons, C9-C11, n-alkanes, · Lower:

isoalkanes, cyclics, <2% aromatics)

13 Vol % (67-64-1 acetone) · Upper: · Flash point: Not applicable, as aerosol. >200 °C (>392 °F) · Auto-ignition temperature:

· Decomposition temperature: Not determined.

 $\cdot pH$ Mixture is non-soluble (in water).

· Viscosity:

· Kinematic viscosity Not determined. · Dynamic: Not determined.

· Solubility

Not miscible or difficult to mix. · water:

· Partition coefficient n-octanol/water (log value) Not determined.

· Vapour pressure at 20 °C (68 °F): 3500 hPa (2625.2 mm Hg)

· Density and/or relative density

· Density at 20 °C (68 °F): $0.8 \text{ g/cm}^3 (6.7 \text{ lbs/gal})$ Not determined. · Relative density · Vapour density Not determined.

· 9.2 Other information

· Appearance:

Aerosol

· Important information on protection of health and environment, and on safety.

Not determined. · Explosive properties:

· Solvent content:

84.3 % · Organic solvents: · VOC (EC) 688.3 g/l · VOC-EU% 84.34 % 15.6 % · Solids content:

· Change in condition

· Evaporation rate Not applicable.

· Information with regard to physical hazard classes

· Explosives Void

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· Flammable gases	Void
· Aerosols	Extremely flammable aerosol. Pressurised container:
	May burst if heated.
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flamma	able
gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- · Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

- · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicity Based on available data, the classification criteria are not met.

•	LD/LC50	values	relevant	for c	lassification:
	LD/LC30	raines	recerant	jui c	iussijicaiioii.

67-64-1 ac	67-64-1 acetone				
Oral	LD50	5800 mg/kg (rat)			
Dermal	Dermal LD50 >15800 mg/kg (rabbit)				
Inhalative	LC50 / 4h	76 mg/l (rat)			
	LC50 / 96 h 5540 mg/l (oncorhynchus mykiss)				
Hydrocarb	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics				
Oral	LD50 >5000 mg/kg /per day (rat) (OECD 401)				
Dermal	al LD50 >2000 mg/kg (rat) (OECD 402)				
Inhalative	Inhalative LC50 / 4 h >5000 mg/m3 (rat) (OECD 403)				
2457-02-5 strontium(II) 2-ethylhexanoate					
Oral	Oral LD50 2043 mg/kg (rat)				
Dermal	Dermal LD50 >2000 mg/kg (rat)				
Skin corresion/irritation No irritant effect					

- · Skin corrosion/irritation No irritant effect.
- · Serious eye damage/irritation Causes serious eye irritation.
- · Respiratory or skin sensitisation No sensitising effects known.
- · STOT-single exposure May cause drowsiness or dizziness.

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· 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity: 67-64-1 acetone

LC50/96h 8300 mg/l (fish) EC50/96h 7200 mg/l (algae)

LC50 / 48 h 8450 mg/l (crustacean (water flea))

- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- · **PBT**: Not applicable.
- · vPvB: Not applicable.
- · 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

- · 12.7 Other adverse effects
- · Additional 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 course or sewage system.

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation

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

- · Uncleaned packaging:
- · Recommendation:

Disposal must be made according to official regulations.

Disposal must be made according to official regulations.

SECTION	I 14	· Trans	nort int	formation
		· IIulis	ו זונו עונטע	<i>OHIII</i>

· 14.1 UN number or ID number

· ADR, IMDG, IATA UN1950

· 14.2 UN proper shipping name

· ADR 1950 AEROSOLS
· IMDG AEROSOLS

· IATA AEROSOLS, flammable

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(Contd. of page 8) · 14.3 Transport hazard class(es) $\cdot ADR$ 2 5F Gases. · Label 2.1 · IMDG, IATA · Class 2.1 Gases. · Label 2.1 · 14.4 Packing group · ADR, IMDG, IATA not regulated · 14.5 Environmental hazards: Not applicable. Warning: Gases. · 14.6 Special precautions for user · Hazard identification number (Kemler code): · EMS Number: F-D,S-U· Stowage Code 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. · Segregation Code SG69 For AEROSOLS with a maximum capacity of 1 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 · 14.7 Maritime transport in bulk according to IMO instruments Not applicable. · Transport/Additional information: 1L· Limited quantities (LQ) Code: E0 · Excepted quantities (EQ) Not permitted as Excepted Quantity · Transport category D· Tunnel restriction code · IMDG 1L· Limited quantities (LQ) (Contd. on page 10)

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· Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

Code: E0

Not permitted as Excepted Quantity

Code: E0

Not permitted as Excepted Quantity

UN ''Model Regulation'':

UN 1950 AEROSOLS, 2.1

SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Poisons Act
- · Regulated explosives precursors

None of the ingredients is listed.

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

67-64-1 acetone Listed

· Reportable poisons

None of the ingredients is listed.

- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P3a FLAMMABLE AEROSOLS
- · Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 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.

· Relevant phrases

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H360D May damage the unborn child.

EUH066 Repeated exposure may cause skin dryness or cracking.

· Classification according to Regulation (EC) No 1272/2008

Data is based on internal technical data and technical data from suppliers.

· 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 relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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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)

VOC: Volatile Organic Compounds (USA, EU) DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Gas 1A: Flammable gases – Category 1A

Aerosol 1: Aerosols - Category 1

Press. Gas (Comp.): Gases under pressure - Compressed gas

Flam. Liq. 2: Flammable liquids – Category 2 Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Carc. 2: Carcinogenicity – Category 2

Repr. 1A: Reproductive toxicity - Category 1A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard - Category 1

· * Data compared to the previous version altered.

GB