

## REF 6011 - NPTC01 3D Top Coat

## Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878

## SECTION 1. Identification of the substance/mixture and of the company/undertaking

## 1.1. Product identifier

Code: REF 6011  
Product name: NPTC01 3D Top Coat

## 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: Nail care

## 1.3. Details of the supplier of the safety data sheet

Name: PASSIONE BEAUTY S.P.A.  
Full address: Viale Crispi 89-93  
District and Country: 36100 Vicenza (VI)  
Italia  
Tel.: +39 0444-239569  
e-mail address of the competent person responsible for the Safety Data Sheet: quality@pucosmetica.it

## 1.4. Emergency telephone number

For urgent inquiries refer to: +39 0444-239569

## SECTION 2. Hazards identification

## 2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Flammable liquid, category 2	H225	Highly flammable liquid and vapour.
Eye irritation, category 2	H319	Causes serious eye irritation.
Specific target organ toxicity - single exposure, category 3	H336	May cause drowsiness or dizziness.

## 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal word: Danger

Hazard statements:

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Precautionary statements:

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/ protective clothing / eye protection / face protection.

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## SECTION 2. Hazards identification ... / &gt;&gt;

<b>P370+P378</b>	In case of fire: use . . . to extinguish.
<b>P261</b>	Avoid breathing dust / fume / gas / mist / vapours / spray.
<b>P233</b>	Keep container tightly closed.
<b>P312</b>	Call a POISON CENTRE / doctor / . . . if you feel unwell.

<b>Contains:</b>	n-butyl acetate
	Ethyl acetate
	Propan-2-ol

## 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration  $\geq$  0.1%.

## SECTION 3. Composition/information on ingredients

## 3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification (EC) 1272/2008 (CLP)
<b>n-butyl acetate</b>		
INDEX 607-025-00-1	$47,5 \leq x < 50$	Flam. Liq. 3 H226, STOT SE 3 H336
EC 204-658-1		
CAS 123-86-4		
REACH Reg. 01-2119485493-29		
<b>Ethyl acetate</b>		
INDEX 607-022-00-5	$47,5 \leq x < 50$	Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336
EC 205-500-4		
CAS 141-78-6		
REACH Reg. 01-2119475103-46		
<b>Propan-2-ol</b>		
INDEX 603-117-00-0	$4 \leq x < 4,5$	Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336
EC 200-661-7		
CAS 67-63-0		
REACH Reg. 01-2119457558-25		

The full wording of hazard (H) phrases is given in section 16 of the sheet.

## SECTION 4. First aid measures

## 4.1. Description of first aid measures

First aid measures in case of inhalation: transport the injured person in the open air and keep it at rest in the position that favors breathing.

First aid measures in case of skin contact: wash the skin with abundant water.

First aid measures in case of contact with the eyes: wash your eyes with water for precaution.

First aid measures in case of ingestion: in case of malaise, contact an anti -center center or a doctor.

Rescuer protection

Information not available

## 4.2. Most important symptoms and effects, both acute and delayed

No further information available

## 4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

Means to have available in the workplace for specific and immediate treatment

Information not available

### SECTION 5. Firefighting measures

#### 5.1. Extinguishing media

Suitable extinction means: spraying water. Dry dust. Foam. Carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

Dangerous combustion products in case of fire: possible development of toxic fumes.

#### 5.3. Advice for firefighters

Protection during the fire fight: do not intervene without adequate protective equipment. Autonomous respirator insulating. Complete body protection.

### SECTION 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

For those who do not intervene directly

Emergency procedures: ventilate the spill area.

For those who intervene directly

Means of protection: do not intervene without adequate protective equipment. For more information, see section 8: "Individual exposure control control".

#### 6.2. Environmental precautions

Do not disperse in the environment.

#### 6.3. Methods and material for containment and cleaning up

Cleaning methods: absorb the liquid escaped with absorbent material.

More information: delete the material or solid residues in an authorized center.

#### 6.4. Reference to other sections

For more information, see section 13.

### SECTION 7. Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe manipulation: ensure good work ventilation. Wear an individual protective device.

Hygiene measures: do not eat, neither drink nor smoke during use. Wash your hands after each manipulation.

#### 7.2. Conditions for safe storage, including any incompatibilities

Conditions for storage: keep in a well -ventilated place. Keep in a cool place.

Swiss

Store class (LK): LK 3 - Flatable liquids

#### 7.3. Specific end use(s)

No further information available.

### SECTION 8. Exposure controls/personal protection

#### 8.1. Control parameters

Regulatory references:

EU	OEL EU	Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.
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### SECTION 8. Exposure controls/personal protection ... / >>

#### n-butyl acetate

##### Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
OEL	EU	241	50	723	150	

#### Ethyl acetate

##### Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
OEL	EU	734	200	1468	400	

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

#### HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, permeability time.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN ISO 16321).

#### RESPIRATORY PROTECTION

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. Use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387).

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

#### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

### SECTION 9. Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	liquid	
Colour	transparent	
Odour	characteristic of solvent	
Odour threshold	50 ppm	Substance:Ethyl acetate
Melting point / freezing point	-90 °C	
Initial boiling point	77 °C	
Flammability	not available	
Lower explosive limit	1,2 % (v/v)	
Upper explosive limit	not available	
Flash point	-4 °C	Remark:Non misurato - il valore mostrato è il punto di infiammabilità della sostanza con il punto di infiammabilità più basso.
Auto-ignition temperature	415 °C	
Decomposition temperature	not available	
pH	not available	
Kinematic viscosity	not available	
Solubility	not available	
Partition coefficient: n-octanol/water	0,6	Substance:Ethyl acetate

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**SECTION 9. Physical and chemical properties** ... / >>

Vapour pressure	9,8	kPa	
Density and/or relative density	not available		
Relative vapour density	3,04		Substance: Ethyl acetate
Particle characteristics	not applicable		

**9.2. Other information**

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

**SECTION 10. Stability and reactivity****10.1. Reactivity**

The product is not reactive in normal conditions of use, storage and transport.

**10.2. Chemical stability**

Stable in normal conditions.

**10.3. Possibility of hazardous reactions**

No knowledge of dangerous reactions in normal conditions of use.

**10.4. Conditions to avoid**

None in the recommended storage and manipulation conditions (see section 7).

**10.5. Incompatible materials**

No further information available

**10.6. Hazardous decomposition products**

In normal storage and use conditions, dangerous decomposition products should not be created.

**SECTION 11. Toxicological information**

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

n-butyl acetate

pH 6.2 Temp.: 20 °C Concentration: (≈)5 g/L

Specific target organ toxicity (STOT) —single exposure: May cause drowsiness or dizziness.

Kinematic viscosity 0.83 mm<sup>2</sup>/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm<sup>2</sup>/s)

NOEC (chronic) 23 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

Ethyl acetate

Specific target organ toxicity (STOT) —single exposure: May cause drowsiness or dizziness.

LOAEL (oral, rat, 90 days) 3600 mg/kg body weight Animal: rat, Guideline: EPA OTS 795.2600 (Subchronic Oral Toxicity Test)

NOAEL (oral, rat, 90 days) 900 mg/kg body weight Animal: rat, Guideline: EPA OTS 795.2600 (Subchronic Oral Toxicity Test)

### SECTION 11. Toxicological information ... / >>

#### Metabolism, toxicokinetics, mechanism of action and other information

Information not available

#### Information on likely routes of exposure

Information not available

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

#### Interactive effects

Information not available

#### ACUTE TOXICITY

ATE (Inhalation) of the mixture:	Not classified (no significant component)
ATE (Oral) of the mixture:	Not classified (no significant component)
ATE (Dermal) of the mixture:	Not classified (no significant component)

Ethyl acetate	
LD50 (Dermal):	> 20000 mg/kg Animal: rabbit
LD50 (Oral):	4934 mg/kg Animals: rabbit

Propan-2-ol	
LD50 (Oral):	5840 mg/kg Rat

#### SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

#### SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

#### RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

#### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

#### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

#### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

#### STOT - SINGLE EXPOSURE

May cause drowsiness or dizziness

#### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

#### ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

#### **11.2. Information on other hazards**

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

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**SECTION 12. Ecological information**

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

**12.1. Toxicity**

n-butyl acetate	
LC50 - for Fish	18 mg/l/96h Test organism (species): Pimephales promelas
EC50 - for Crustacea	44 mg/l/48h Test organism (species): Daphnia sp.
EC50 - for Algae / Aquatic Plants	674,7 mg/l/72h Test organism (species): Desmodemus subspicatus
Chronic NOEC for Crustacea	23 mg/l Test organism (species): Daphnia magna

Ethyl acetate	
LC50 - for Fish	230 mg/l/96h Species: Pimephales promelas
Chronic NOEC for Crustacea	2,4 mg/l Specie: Daphnia Magna

Propan-2-ol	
LC50 - for Fish	9640 mg/l/96h Pimephales promelas Fish

**12.2. Persistence and degradability**

Propan-2-ol  
Rapidly degradable  
Degradability:  
BOD5 1.19 G O2/G  
Cod 2,23 g o2/g  
BOD5/COD 0.53

Biodegradability:  
Concentration 100 mg/l  
Period 14 days  
Biodegradable % 86

**12.3. Bioaccumulative potential**

Ethyl acetate	
Partition coefficient: n-octanol/water	0,6 Log Kow

Propan-2-ol  
Bioaccumulus potential:  
BCF 3  
Pow Log 0.05  
Low potential

**12.4. Mobility in soil**

Propan-2-ol  
Absorption/desorption:  
KOC 1.5  
Very high conclusion  
Surface tension 2,24e-2 n/m (25 °C)

Volatility:  
Henry 8,207e-1 PA-M<sup>3</sup>/Mol  
Dry soil yes  
Wetland yes

**12.5. Results of PBT and vPvB assessment**

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

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### SECTION 12. Ecological information ... / >>

#### 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

#### 12.7. Other adverse effects

Information not available

### SECTION 13. Disposal considerations

#### 13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

The management of waste arising from the use or dispersal of this product must be organised in accordance with occupational safety regulations. See section 8 for possible need for PPE.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

### SECTION 14. Transport information

#### 14.1. UN number or ID number

ADR / RID, IMDG, IATA: UN 1266

#### 14.2. UN proper shipping name

ADR / RID: PERFUMERY PRODUCTS

IMDG: PERFUMERY PRODUCTS

IATA: PERFUMERY PRODUCTS

#### 14.3. Transport hazard class(es)

ADR / RID: Class: 3 Label: 3

IMDG: Class: 3 Label: 3

IATA: Class: 3 Label: 3



#### 14.4. Packing group

ADR / RID, IMDG, IATA: II

#### 14.5. Environmental hazards

ADR / RID: NO

IMDG: not marine pollutant

IATA: NO

#### 14.6. Special precautions for user

ADR / RID: HIN - Kemler: 33 Limited Quantities: 5 lt  
Special provision: 163, 640(C-D)

Tunnel restriction code: (D/E)

IMDG: EMS: F-E, S-D Limited Quantities: 5 lt

IATA: Cargo: Maximum quantity: 60 L

Packaging instructions: 364

Passengers: Maximum quantity: 5 L

Packaging instructions: 353

Special provision: A3, A72

#### 14.7. Maritime transport in bulk according to IMO instruments

## REF 6011 - NPTC01 3D Top Coat

Information not relevant

**SECTION 15. Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**Seveso Category - Directive 2012/18/EU:

P5c

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006Product

Point 3 - 40

Contained substance

Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors  
not applicableSubstances in Candidate List (Art. 59 REACH)On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

**15.2. Chemical safety assessment**

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

**SECTION 16. Other information**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

<b>Flam. Liq. 2</b>	Flammable liquid, category 2
<b>Flam. Liq. 3</b>	Flammable liquid, category 3
<b>Eye Irrit. 2</b>	Eye irritation, category 2
<b>STOT SE 3</b>	Specific target organ toxicity - single exposure, category 3
<b>H225</b>	Highly flammable liquid and vapour.
<b>H226</b>	Flammable liquid and vapour.
<b>H319</b>	Causes serious eye irritation.
<b>H336</b>	May cause drowsiness or dizziness.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization

### SECTION 16. Other information ... / >>

- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PMT: Persistent, mobile and toxic
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very persistent and very bioaccumulative
- vPvM: Very persistent and very mobile
- WGK: Water hazard classes (German).

#### GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
23. Delegated Regulation (UE) 2023/707
24. Delegated Regulation (UE) 2023/1434 (XIX Atp. CLP)
25. Delegated Regulation (UE) 2023/1435 (XX Atp. CLP)
26. Delegated Regulation (UE) 2024/197 (XXI Atp. CLP)
27. Delegated Regulation (UE) 2024/2564 (XXII Atp. CLP)
28. Regulation (EU) 2024/2865

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

#### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

#### CALCULATION METHODS FOR CLASSIFICATION

**REF 6011 - NPTC01 3D Top Coat****SECTION 16. Other information ... / >>**

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:

02 / 03.