

Date of issue: 30/03/2017	Trade name:	Page: 1/7
Reviewed on:	NEON TOP COLOUR	Version: 1.0

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

1.1. Product identifier:

Trade name: **NEON TOP COLOUR**
Product code: **- GREEN - 1 35015**
- YELLOW - 1 35016
- PINK - 1 35017
- BLUE - 1 35019

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

Uses of the mixture: Lacquer.
For professional and industrial use only.
Uses advised against: Not known.

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

Identification of manufacturer/Supplier:
RETECH, s.r.o.
Vackova 1541/4
150 00 Praha 5 - Stodůlky
Telephone number/Fax: +420 327 596 128, +420 327 596 428
E-mail: info@retech.cz

1.4. Emergency telephone number: RETECH, Suchdol 212, 285 02 Suchdol u Kutné Hory, Czech Republic
Telephone number: +420 327 596 128 (7.30-16.00 hour)
Toxikologické informační středisko (Toxicology information centre),
Na bojišti 1, 128 08 PRAHA 2, Czech Republic
Telephone number: +420 224 919 293, +420 224 915 402 (24 hours a day)**2. SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 [CLP]:
Aerosol 1 H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.

2.2. Label elements:

Labelling according to Regulation (EC) No 1272/2008 [CLP]:



Signal Word: Danger

Hazard Statements:

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

Precautionary Statements:

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.
P501 Dispose of contents/container in accordance with national regulation.

2.3. Other hazards:

Buildup of explosive mixtures possible without sufficient ventilation.
Results of PBT and vPvB assessment:
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 30/03/2017	Trade name:	Page: 2/7
Reviewed on:	NEON TOP COLOUR	Version: 1.0

3. SECTION 3: Composition/information on ingredients

3.2. Mixtures:

Description of the mixture: Mixture of active ingredients with propellants

Hazardous ingredients:

CAS: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha (contains less than 0.1 % benzene) Asp. Tox. 1, H304	25 -< 50 %
CAS: 106-97-8 EINECS: 203-448-7	Butane (containing < 0.1 % butadiene) Flam. Gas 1, H220; Press. Gas, H280	12.5 -< 20 %
CAS: 74-98-6 EINECS: 200-827-9	Propane Flam. Gas 1, H220; Press. Gas, H280	12.5 -< 20 %
CAS: 141-78-6 EINECS: 205-500-4	Ethyl acetate Flam.Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	5 -< 10 %
CAS: 75-28-5 EINECS: 200-857-2	Isobutane (containing < 0.1 % butadiene) Flam. Gas 1, H220; Press. Gas, H280	5 -< 10 %
CAS: 123-86-4 EINECS: 204-658-1	Butyl acetate Flam. Liq. 3, H226; STOT SE 3 H336	2.5 -< 5 %

For full text of H-statements: see SECTION 16.

4. SECTION 4: First aid measures

4.1. Description of first aid measures:

General notes: When in doubt or if symptoms are observed, get medical advice.
 After inhalation: Move affected person to fresh air.
 Get medical attention if any discomfort continues.
 After skin contact: Generally the product does not irritate the skin.
 After eye contact: Rinse opened eye for several minutes under running water.
 Remove contact lenses, if present and easy to do. Continue rinsing.
 Get medical attention if any discomfort continues.
 After swallowing: Rinse mouth with water.
 Immediately call a doctor.

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.

5. SECTION 5: Firefighting measures

5.1. Extinguishing media:

Suitable extinguishing agents: Carbon dioxide (CO₂), sand, extinguishing powder.
 Unsuitable extinguishing agents: Water, water jet.

5.2. Special hazards arising from the substance or mixture:

No further relevant information available.

5.3. Advice for firefighters:

Wear protective clothing and self-contained breathing apparatus.
 Do not breathe gases.

6. SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Wear protective equipment, see Section 8.
 Keep ignition source away.
 Ensure adequate ventilation.
 Keep unprotected person away.

6.2. Environmental precautions:

Do not allow to enter sewage system or water course.

Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 30/03/2017	Trade name:	Page: 3/7
Reviewed on:	NEON TOP COLOUR	Version: 1.0

6.3. Methods and material for containment and cleaning up:	Inform respective authorities in case of seepage into water course or sewage system. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents. Dispose contaminated material as waste according to Section 13.
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.

7. SECTION 7: Handling and storage	
7.1. Precautions for safe handling:	
Protective measures:	Wear protective equipment, see Section 8. Ensure good ventilation/exhaustion at the workplace and also near the ground (vapors are heavier than air). Open and handle receptacle with care.
Measures to prevent fire:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
7.2. Conditions for safe storage, including any incompatibilities:	
Requirements for storage rooms and vessels:	Store in cool, dry conditions in well sealed receptacles. Observe official regulations on storing packagings with pressurized containers.
Technical measures and storage conditions:	Observe official regulations on storing packagings with pressurized containers.
Further information on storage conditions:	Protect from heat and direct sunlight.
7.3. Specific end use(s):	No further relevant information available.

8. SECTION 8: Exposure controls/personal protection																																	
8.1. Control parameters:																																	
Components with limit values that require monitoring at the workplace:																																	
WEL (United Kingdom): EH40/2005																																	
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OEL (EU): 2000/39/EG, 2006/15/EG, 2009/161/EG																																	
Contains no substances with occupational exposure limit values.																																	
Additional information: The lists that were valid during the compilation were as basis.																																	
8.2. Exposure controls:																																	
Technical measures to prevent exposure:	Ensure good ventilation/exhaustion at the workplace.																																
General protective measures:	Do not eat, drink, smoke and sniff when using this product. Wash hands before breaks and at the end of work. Do not inhale vapours/spray.																																
Personal protection equipment:																																	
Respiratory protection:	Not required.																																
Eye protection:	Safety goggles.																																
Hand protection:	Protective gloves																																

Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 30/03/2017	Trade name:	Page: 4/7
Reviewed on:	NEON TOP COLOUR	Version: 1.0

Solvent resistant gloves.
The glove material must be impermeable and resistant against the product/substance/preparation.
The final selection of the glove material must be carried out on the basis of penetration times, permeation rates and degradation.
Recommend material of gloves: latex, butylrubber
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.

Skin protection: Protective clothing.

9. SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Form: Aerosol
Colour: According to specification
Odour: Characteristic (solvent-like)
Odour threshold: Not determined.
Value pH at 20 °C: Not determined.
Melting point/freezing point: Not determined.
Initial boiling point/boiling range: Not determined.
Flash point: Not determined.
Evaporation rate: Not determined.
Flammability (solid, gas): Not determined.
Explosive properties: In use, may form flammable/explosive vapour-air mixture.
Explosive limits:
- lower: 0.6 Vol %
- upper: 10.9 Vol %
Vapour pressure at 20 °C: 8300 hPa
Vapour density at 20 °C: Not determined.
Density at 20 °C: 0.87 g/cm³
Relative density: Not determined.
Solubility in/miscibility: Water: Not miscible or difficult to mix.
Partition coefficient (n-octanol/water): Not determined.
Ignition temperature: Not determined.
Decomposition temperature: Not determined.
Self-ignition temperature: The product is not selfigniting.
Viscosity: Not determined.
Oxidising properties: Not determined.

9.2. Other information:

VOC - EU: 716.6 g/l

10. SECTION 10: Stability and reactivity

10.1. Reactivity: No further relevant information available.
10.2. Chemical stability: 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.

11. SECTION 11: Toxicological information

11.1. Information on toxicological effects:

Acute toxicity: Based on available data, the classification criteria are not met.

Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 30/03/2017	Trade name:	Page: 5/7
Reviewed on:	NEON TOP COLOUR	Version: 1.0

Relevant hazards for substance:

64742-48-9 Naphtha (petroleum), hydrotreated heavy

Oral	LD50 rat	> 5000 mg/kg
Dermal	LD50 rabbit	> 3000 mg/kg

Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/irritation:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
Specific target organ toxicity - single exposure:	Based on available data, the classification criteria are not met.
Specific target organ toxicity - repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.
Other information:	No further relevant information available.

12. SECTION 12: Ecological information

12.1. Toxicity:	
Aquatic toxicity:	No further relevant information available.
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.
Additional ecological information:	
General notes:	Water danger class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow to enter water courses, ground water or drains. Danger to drinking water if even small quantities leak into the ground.
12.5. Results of PBT and vPvB assessment:	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
12.6. Other adverse effects:	No further relevant information available.

13. SECTION 13: Disposal considerations

13.1. Waste treatment methods:	
Product disposal:	Must not be disposed together with household garbage. Do not allow product to reach sewage system. European Waste Catalogue: 08 01 11* waste paint and varnish containing organic solvents or other hazardous substances (*hazardous waste)
Packagings disposal:	Disposal must be made according to official regulations. European Waste Catalogue: 15 01 11* metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containersb (*hazardous waste)
Other disposal recommendations:	Disposal must be made according to official regulations. The final decisions on the appropriate waste management method, in line with regional, national and European legislation, and possible adaptation to local conditions, remains the responsibility of the waste treatment operator.




14. SECTION 14: Transport information

14.1. UN number:	UN 1950
ADR, IMDG, IATA	

Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 30/03/2017	Trade name:	Page: 6/7
Reviewed on:	NEON TOP COLOUR	Version: 1.0

14.2. UN proper shipping name:	
ADR	1950 AEROSOLS
IMDG	AEROSOLS
IATA	AEROSOLS, flammable
14.3. Transport hazard class(es):	
ADR	
Class	2.1
Hazard label	2.1
IMDG	
Class	2.1
Hazard label	2.1
IATA	
Class	2.1
Hazard label	2.1
14.4. Packing group:	
ADR, IMDG, IATA	Void
14.5. Environmental hazards:	
Marine pollutant:	No
14.6. Special precautions for user:	Warning: gases
EMS Number:	F-D, S-U
Danger Code (Kemler):	-
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:	Not applicable
ADR	
Limited quantities (LQ):	1L
Transport category:	2
Tunnel restriction code:	D
UN "Model Regulation":	UN 1950, AEROSOLS, 2.1

15. SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

Used legislation:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals, as amended (REACH)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, as amended (CLP)

Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, as amended
Commission Decision 2000/532/EC establishing a list of wastes, as amended

Council Directive 89/686/EEC on the approximation of the laws of the Member States relating to personal protective equipment, as amended

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended

Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

Commission Directive 2006/15/EC establishing a second list of indicative occupational exposure limit values

Commission Directive 2009/161/EU establishing a third list of indicative occupational exposure limit values

Directive 2004/42/CE of the European Parliament and of the Council on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC, as amended

Date of issue: 30/03/2017	Trade name:	Page: 7/7
Reviewed on:	NEON TOP COLOUR	Version: 1.0

15.2. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. SECTION 16: Other information

Relevant H-statements (Section 3):

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.

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)
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- EINECS: European Inventory of Existing Commercial Chemical Substances
- IATA: International Air Transport Association
- IMDG: International Maritime Code for Dangerous Goods
- LD50: Median dose lethal to 50 % of a test population
- OEL: Occupational Exposure Limit
- PBT: Persistent, Bioaccumulative, Toxic
- VOC: Volatile Organic Compounds
- vPvB: Very Persistent, Very Bioaccumulative
- WEL: Workplace exposure limits
- Asp. Tox. 1: Aspiration hazard, category 1
- Eye Irrit. 2: Serious eye irritation, category 2
- Flam. Gas 1: Flammable gas, category 1
- Flam. Liq. 2: Flammable liquid, category 2
- Flam. Liq. 3: Flammable liquid, category 3
- Press. Gas: Gases under pressure
- STOT SE 3: Specific target organ toxicity — single exposure, category 3

The information contained herein is based on our best knowledge and the present legislation. Further, the Safety Data Sheet has been elaborated on the basis of the original Safety Data Sheet provided by the manufacturer.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

***Compared to the last version the data has been changed.**