

Date of issue: 3.3.2016	Trade name:	Page: 1/8
Reviewed on:	<b>BODY PAINT ORANGE</b>	Version: 1.0

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

- 1.1. Product identifier:  
Trade name: **BODY PAINT ORANGE**  
Product code: **1 35465**
- 1.2. Relevant identified uses of the substance or mixture and uses advised against:  
Uses of the mixture: Paint  
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. Hazard identification:**

- 2.1. Classification of the substance or mixture:  
Classification according to Regulation (EC) No 1272/2008 [CLP]:  
Flam. Aerosol 1 H222 Extremely flammable aerosol.  
H229 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 [CLP]:



Signal Word: Danger

Hazard Statements:  
H222 Extremely flammable aerosol.  
H229 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.  
P103 Read label before use.  
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.  
P261 Avoid breathing vapours/spray.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/eye protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTER/doctor if you feel unwell.

## Safety Data Sheet

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

Date of issue: 3.3.2016	Trade name:	Page: 2/8
Reviewed on:	<b>BODY PAINT ORANGE</b>	Version: 1.0

P337+P313 If eye irritation persists: Get medical advice/attention.  
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.

Contained dangerous substances:  
67-64-1 Acetone; 123-86-4 n-butyl acetate; 108-10-1 4-methylpentan-2-one

- 2.3. Other hazards:  
Results of PBT and vPvB assessment:  
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 3. Section 3. Composition/information on ingredients:

#### 3.2. Mixtures:

Description of the mixture: Mixture of active ingredients with propellants

Hazardous ingredients:

CAS: 67-64-1 EINECS: 200-662-2 Reg.č.: 01-2119471330-49	Acetone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	25 - 50 %
CAS: 106-97-8 EINECS: 203-448-7 Reg.č.: 01-2119474691-32	Butane (containing < 0,1 % butadiene) Flam. Gas 1, H220; Press. Gas, H280	10 - 25 %
CAS: 74-98-6 EINECS: 200-827-9 Reg.č.: 01-2119486944-21	Propane Flam. Gas 1, H220; Press. Gas, H280	5 - 10 %
CAS: 123-86-4 EINECS: 204-658-1 Reg.č.: 01-2119485493-29	n-Butyl acetate Flam. Liq. 3, H226; STOT SE 3, H336	5 - 10 %
CAS: 1330-20-7 EINECS: 215-535-7 Reg.č.: 01-2119486136-34	Xylene (mix of isomers) Flam. Liq. 3, H226; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	5 - 10 %
CAS: 9004-70-0 EINECS: 618-392-2	Nitrocellulose Flam. Sol. 1, H228	5 - 10 %
CAS: 108-65-6 EINECS: 203-603-9 Reg.č.: 01-2119475791-29	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226	2,5 - 5 %
CAS: 64-17-5 EINECS: 200-578-6	Ethanol Flam. Liq. 2, H225; Eye Irrit. 2, H319	2,5 - 5 %
CAS: 108-10-1 EINECS: 203-550-1	4-Methylpentan-2-one Flam. Liq. 2, H225; Eye Irrit. 2, H319; Acute Tox. 4, H332; STOT SE 3, H335	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.  
If experiencing respiratory symptoms, call for a doctor.  
After skin contact: Wash immediately with plenty of water and soap and rinse thoroughly.  
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.  
Get medical attention if any discomfort continues.

## Safety Data Sheet

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

Date of issue: 3.3.2016	Trade name:	Page: 3/8
Reviewed on:	<b>BODY PAINT ORANGE</b>	Version: 1.0

<p>4.2. Most important symptoms and effects, both acute and delayed: No further relevant information available.</p> <p>4.3. Indication of any immediate medical attention and special treatment needed: No further relevant information available.</p>	
<p><b>5. Section 5. Fire fighting measures:</b></p> <p>5.1. Extinguishing media: Suitable extinguishing agents: Carbon dioxide (CO<sub>2</sub>), extinguishing powder, water spray. Fight larger fires with water spray or alcohol resistant foam.</p> <p>Unsuitable extinguishing agents: Water jet.</p> <p>5.2. Special hazards arising from the substance or mixture: Formation of explosive gas-air mixtures is possible.</p> <p>5.3. Advice for firefighters: Wear protective clothing and self-contained breathing apparatus.</p>	
<p><b>6. Section 6. Accidental release measures:</b></p> <p>6.1. Personal precautions, protective equipment and emergency procedures: Wear protective equipment, see Section 8. Keep unprotected person away. Ensure adequate ventilation.</p> <p>6.2. Environmental precautions: Do not allow to penetrate into soil, waterbodies or drains. Inform respective authorities in case product reaches water course or sewage system.</p> <p>6.3. Methods and material for containment and cleaning up: Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents. Dispose contaminated material as waste according to Section 13.</p> <p>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.</p>	
<p><b>7. Section 7. Handling and storage:</b></p> <p>7.1. Precautions for safe handling: Protective measures: Wear protective equipment, see Section 8. Ensure good ventilation/exhaustion at the workplace. Use only in well-ventilated areas. Ensure good room ventilation even at ground level (vapors are heavier than air).</p> <p>Measures to prevent fire: Do not spray onto a naked flame or any incandescent material. Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.</p> <p>7.2. Conditions for safe storage, including any incompatibilities: Requirements for storage rooms and vessels: Store in a cool place. Observe official regulations on storing packagings with pressurized containers.</p> <p>Technical measures and storage conditions: Observe official regulations on storing packagings with pressurized containers.</p> <p>Further information on storage conditions: Protect from heat and direct sunlight.</p> <p>7.3. Specific end use(s): No further relevant information available.</p>	

## Safety Data Sheet

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

Date of issue: 3.3.2016	Trade name:	Page: 4/8
Reviewed on:	<b>BODY PAINT ORANGE</b>	Version: 1.0

### 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

CAS	Substance	Long-term (8-hr TWA ref. period)		Short-term (15 minute ref. period)		Comments
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
67-64-1	Acetone	500	1210	150	3620	-
106-97-8	Butane	600	1450	750	1810	Carc. (only applies if Butane contains more than 0.1% of buta-1,3-diene)
123-86-4	Butyl acetate	150	724	200	966	
1330-20-7	Xylene	50	220	100	441	Skin, BMGV
108-65-6	1-Methoxypropyl acetate	50	274	100	548	Skin
64-17-5	Ethanol	1000	1920	-	-	-
108-10-1	4-Methylpentan-2-one	50	208	100	416	Skin, BMGV

OEL (EU): 2000/39/EG, 2006/15/EG, 2009/161/EG

CAS	Substance	Eight hours		Short-term		Notation
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
67-64-1	Acetone		500	1210		
1330-20-7	Xylene	50	221	100	442	Skin
108-65-6	1-Methoxypropyl acetate	50	275	100	550	Skin
108-10-1	4-Methylpentan-2-one	20	83	50	208	

Biological limit values:

Biological monitoring guidance values (BMGV): EH40/2005

CAS	Substance	BMGV	Sampling time
1330-20-7	Xylene, o-, m-, p- or mixed isomers	650 mmol methyl hippuric acid/mol creatinine in urine	Post shift
108-10-1	4-methylpentan-2-one	20 µmol 4-methylpentan-2-one/L in urine	Post shift

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:

Store away from foodstuffs, beverages and feed.

Take off immediately all contaminated clothing.

Wash hands before breaks and at the end of work.

Do not inhale vapours/spray.

Avoid contact with skin, eyes.

Personal protection equipment:

Respiratory protection:

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Half mask with combination filter, class A1P2 minimum, or breathing mask with outer air supply.

Eye protection:

Tightly sealed goggles.

Hand protection:

Protective gloves

The glove material must be impermeable and resistant against the product/substance/ preparation.

Recommend material of gloves: nitrilrubber

Penetration time of glove material:

If gloves become damaged during use they must be replaced.

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Date of issue: 3.3.2016	Trade name:	Page: 5/8
Reviewed on:	<b>BODY PAINT ORANGE</b>	Version: 1.0

Skin protection: For the permanent contact gloves made of the following materials are suitable:  
Recommended thickness of the material: Butyl rubber, 0.7 mm  
Protective clothing.

**9. Section 9. Physical and chemical properties:**

9.1. Information on basic physical and chemical properties:

Form: Aerosol  
 Colour: Orange  
 Odour: Characteristic  
 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: < 0 °C  
 Without propellants.  
 Evaporation rate: Not determined  
 Flammability (solid, gas): Not determined  
 Explosive properties: May form explosive vapour-air mixtures.  
 Explosive limits:  
 – lower: 1.5 Vol %  
 – upper: 13.0 Vol %  
 Vapour pressure at 20°C: 3600 hPa  
 Vapour density at 20 °C: Not determined  
 Density at 20°C: Not determined  
 Relative density: Not determined  
 Solubility in/miscibility: Water: Not miscible or difficult to mix.  
 Partition coefficient (n-octanol/water): Not determined  
 Ignition temperature: 365 °C  
 Decomposition temperature: Not determined  
 Self-ignition temperature: Product is not selfigniting.  
 Viscosity: Not determined  
 Oxidising properties: Not determined

9.2. Other information:

VOC: 683 g/l  
 Organic solvent: 82.7 %  
 Solid content: 17.3 %

**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:  
 Reacts with acids, alkalis and oxidizing agents.  
 10.4. Conditions to avoid: No further relevant information available.  
 10.5. Incompatible materials: No further relevant information available.  
 10.6. Hazardous decomposition products:  
 Possible in traces.

**11. Section 11. Toxicological information:**

11.1. Information on toxicological effects:

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

Relevant hazards for substance:

1330-20-7 Xylene (mix of isomers)

Oral	LD50	rat	4300 mg/kg
Dermal	LD50	rabbit	2000 mg/kg

## Safety Data Sheet

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

Date of issue: 3.3.2016	Trade name:	Page: 6/8
Reviewed on:	<b>BODY PAINT ORANGE</b>	Version: 1.0

Inhalative	LC50/4h	rat	21,7 mg/m <sup>3</sup>
------------	---------	-----	------------------------

Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/irritation:	Causes serious eye irritation.
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.
STOT-single exposure:	May cause drowsiness or dizziness.
STOT-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.

#### 1330-20-7 Xylene (mix of isomers)

Fish:	LC50 /96h	Cyprinus carpio	1570 µg/l
-------	-----------	-----------------	-----------

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: Transfer to a suitable container and arrange for collection by specialised disposal company. Incineration is the recommended method of 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. Incineration is the recommended method of disposal.

#### European Waste Catalogue:

15 01 10\* packaging containing residues of or contaminated by hazardous substances  
(\*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:




ADR, IMDG, IATA

UN 1950

## Safety Data Sheet

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

Date of issue: 3.3.2016	Trade name:	Page: 7/8
Reviewed on:	<b>BODY PAINT ORANGE</b>	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
Excepted quantities (EQ):	Code: E0
	Not permitted as Excepted Quantity
Transport category:	2
Tunnel restriction code:	D
IMDG	
Limited quantities (LQ):	1L
Excepted quantities (EQ):	Code: E0
	Not permitted as Excepted Quantity
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



Date of issue: 3.3.2016	Trade name:	Page: 8/8
Reviewed on:	<b>BODY PAINT ORANGE</b>	Version: 1.0

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

EU limit for this product is (Cat. B/e): 840 g/l (2007).  
This product contains max. 683 g/l VOC.

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.
- H228 Flammable solid.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory 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
- LC50: Median concentration lethal to 50 % of a test population
- LD50: Median dose lethal to 50 % of a test population
- PBT: Persistent, Bioaccumulative, Toxic
- Reg.nr.: Registration number
- VOC: Volatile Organic Compounds
- vPvB: Very Persistent, Very Bioaccumulative
- WEL: Workplace exposure limits
- Acute Tox. 4: Acute toxicity, category 4
- Asp. Tox. 1: Aspiration hazard, category 1
- Eye Irrit. 2: Serious eye irritation, category 2
- Eye Irrit. 2: Serious eye irritation, category 2
- Flam. Aerosol 1: Flammable aerosol, category 1
- Flam. Gas 1: Flammable gas, category 1
- Flam. Liq. 2: Flammable liquid, category 2
- Flam. Liq. 3: Flammable liquid, category 3
- Flam. Sol. 1: Flammable solid, category 1
- Press. Gas: Gases under pressure
- Skin Irrit. 2: Skin irritation, category 2
- 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.**