

# Technispray Paints Ltd

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**PRODUCT**

**SAFETY**

**DATA**

**SHEET**

SDS Reference: **Kolorbond KolorAll**

This SDS supplements and supports the information contained on the product label. Package labelling provides basic safety information only.

## Section 1.0 Identification of the substance/mixture and of the company/undertaking.

**1.1. Product Identifier:** Individual Reference name: **KolorAll**  
Product Group: **Kolorbond**

**1.1.1 Unique Formulation Identifier UFI** Not assigned

This is a generic SDS for Quick-Air-drying paints belonging to the product group **Kolorbond**

### **1.1.1. Product Description:**

Ready mixed air-drying paint based on a solution of **vinyl co-polymer resin in xylene and containing pigments and fillers.** for industrial and professional users.

### **1.2. Relevant identified use of the substance or mixture:**

As a surface coating for the marking, protection and/or decoration of substrates when applied by spray, brush, or roller methods or variation thereof. For professional use only.

#### **Use advised against:**

Not suitable for use on toys or children's play equipment.

Not suitable for use in contact with food. Product composition may not conform to the requirements as set out in the relevant regulations.

See section 7:2 for Sector of Use, Process Category and other REACH mandated codes.

### **1.3. Details of the Supplier of the Safety Data Sheet:**

Company: Technispray Paints Ltd. Catherine Street, Birmingham B6 5RS UK  
Tel. +44 (0) 21 326 8020 Fax +44 (0)21 558 3607. [info@kolorbond.co.uk](mailto:info@kolorbond.co.uk)

Emergency Phone No: National Poisons Information Service (NPIS): <http://www.npis.org/>.  
Via NHS-Direct (24hrs) – 08454 24 24 24.

European Product Categorisation System (**EuPCS**) – for mixtures within the scope of Article 45 of the CLP regulations.

| Product Category                              | EuPCS Code | Descriptor:  |
|---|------------|--|
| Paints and coatings                           | PC-PNT     | Products in liquid or powder form which, when applied to a substrate, form a dry film possessing protective, decorative and or other technical properties. |
| Aerosol paints and coatings                   | PC-PNT-1   | Paint and coatings supplied in ready-to-use aerosol canisters for spray application.   |
| Paints / Coatings – Protective and functional | PC-PNT-3   | Protective coatings that are characterized as 'paint' and paints for specific functional purposes.   |
| Factory applied coatings                      | PC-PNT-6   | Coatings applied in a production setting   |

## Section 2.0 Hazards Identification

### **2.1. Classification of the mixture (Regulation EC1272/2008).**

**Flammable Liquid 3:** H226: Flammable liquid and vapour.

**Acute Tox. 4:** H312: Harmful in contact with skin.

**Skin Irrit. 2:** H315: Causes skin irritation.

**Acute Tox.4:** H332: Harmful if inhaled.

**Aquatic Chronic 3:** H412: Harmful to aquatic life with long lasting effects.

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**2.2. Label elements:****Contains:** Xylene (mixed isomers) , Hydrocarbons C9 Aromatic.**Signal Word:** WARNING**Hazard pictograms:**

. GHS02



GHS07

**Hazard statements:**

H226: Flammable liquid and vapour.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H332: Harmful if inhaled.

H412: Harmful to aquatic life with long lasting effects

**Precautionary statements:****P210; Keep away from heat/sparks/open flame/hot surfaces. No smoking,****P241: Use explosion-proof electrical/ventilation/lighting equipment.****P280: Wear protective gloves/clothing/eye protection/face protection.****P302+P352: IF ON SKIN: Wash with plenty of soap and water.****P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.****P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.****2.3. Other Hazards:**

EUH 210: Safety Data Sheet available on request.

**Section 3.0. Composition / Information on ingredients:**

For the Mixture:

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC or Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB, 'endocrine disrupter', 'skin sensitizer' or with an Ozone creation potential or included in the candidate list.

| Component Inc CAS No.                         | Wt %     | EC No.    | REACH No.        | Classification [CLP]  |
|---|----------|-----------|------------------|---|
| Xylene (mixed isomers)<br>CAS: 1330-20-7      | 30-40 %  | 215-535-7 | 01-2119488216-32 | Flam Liq.3;H226. Acute Tox 4;H312. Acute Tox 4;H332 Skin Irit.2;H315          |
| Hydrocarbons C9, Aromatics<br>CAS: 64742-95-6 | 1 – 10 % | 265-199-0 | 01-2119455851-35 | Flam Liq 3; H226. Asp Tox 1; H304 Aquatic Chronic 2; H411 STOT SE 3; H335+336 |
|   |          |           |                  |   |

Note. Symbol "[ ]" is short for [ Concentration of substance] or [Conc.]

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**Section 4.0. First Aid Measures:****4.1. Description of First Aid Measures:**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

**Inhalation**

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration

**Skin contact**

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser

Do NOT use solvents or thinners

**Eye contact**

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

**Ingestion**

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

**4.2. Most Important Symptoms and Effects, both Acute and Delayed:**

Drowsiness and disorientation from inhalation.

**4.3. Indication of any Immediate Medical Attention and Special Treatment needed:**

Remove to fresh air and sit down.

**Section 5.0. Fire-Fighting measures.****5.1. Extinguishing media:**

**Suitable:** alcohol resistant foam, CO<sub>2</sub>, powders, water spray/mist.

**Unsuitable:** Water jet. High pressure water jet used directly may disperse flammable/burning liquid further

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

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.

**5.3. Advice for firefighters**

Cool closed containers exposed to fire with water.

Do not allow run-off from fire-fighting to enter drains or water courses. Protect drains and sewers with temporary bunding or temporary caps.

**Section 6.0. Accidental release measures.****6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel.**

Prolonged spillage of flammable liquid over a large area in a confined space will produce an Explosive Atmosphere. Exclude sources of ignition then ventilate the area. Evacuate the danger area and consult the competent person or fire marshal. Do not enter the area without breathing apparatus.

Minor and immediate spillage of flammable liquid: Exclude sources of ignition. Ventilate the area.

Avoid breathing vapours, wear suitable protective equipment to prevent contamination of skin, eyes and personal clothing.

Refer to protective clothing listed in section 8.

**6.1.2. For emergency responders.**

Suitable protective clothing material: anti-static cotton coveralls with butyl, nitrile or PVC gloves.

Unsuitable materials – nylon [or synthetic fabric] coveralls, disposable latex gloves.

**6.2. Environmental precautions**

Do not allow to enter drains or watercourses. Use temporary bunding (soil / sand) and drain covers to prevent run-off. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

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

Contain spillage with non-combustible absorbent materials, e.g. sand, earth. Note: Vermiculite will float on the surface of a mobile liquid it is not an efficient material for creating a temporary bund.

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Collect and clear spillage with non-combustible absorbent materials, e.g. sand, earth vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).  
Clean preferably with a detergent - avoid use of solvents.

#### 6.4. Reference to other sections

Refer to section 8 & 13 for additional information.

### Section 7.0. Handling and Storage.

#### 7.1. Precautions for safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded.

Electrical equipment should be protected to the appropriate standard.

Mixture may charge electrostatically: always use earthing leads when transferring from one container to another

Operators should wear anti-static footwear and clothing and floors should be of the conducting type

Isolate from sources of heat, sparks and open flame. No sparking tools should be used.

Avoid skin and eye contact. Avoid the inhalation of dust, particulates and spray mist arising from the application of this mixture. Avoid inhalation of dust from sanding. Smoking, eating and drinking should be prohibited in application area.

When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limit.

Materials such as cleaning rags, paper wipers and protective clothing, which are contaminated with the product may spontaneously self ignite some hours later To avoid the risk of fires, all contaminated materials should be stored in purpose built containers or in metal containers with tight fitting self closing lids. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.

For personal protection see Section 8

Never use pressure to empty: container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws. Do not allow to enter drains or water courses

**Information on fire and explosion protection:** Vapours are heavier than air and may spread along floors

Vapours may form explosive mixtures with air.

The Manual Handling Operations Regulations may apply to the handling of containers of this product. To assist employers, the following method of calculating the weight for any pack size is given: Take the pack size volume in litres and multiply this figure by the upper specific gravity value given in Section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

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

Store in accordance with the principles contained in the HSE guidance note Chemical Warehousing: The Storage of packaged Dangerous Substances.

#### Notes on joint storage:

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

#### Additional information on storage conditions:

Store in accordance with the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR). The requirements are given in the HSE Approved Code of Practice and Guidance, Storage of Dangerous Substances: DSEAR.

Observe label precautions

Store between 5 and 25°C in a dry, well ventilated place away from sources of heat and direct sunlight

Keep container tightly closed. Keep away from sources of ignition. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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

For the manual application by brush, spray or roller equipment to suitably prepared surfaces.

See Section 1.2.

Suppliers of hazardous mixtures that have to provide recipient users with an SDS should include 'use information' in a format mandated by the REACH regulations.

Accordingly, products supplied by H.S.Richards for which this SDS applies belong to the following use groups:

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The following information is taken from ECHA publication:

**Guidance on Information Requirements and Chemical Safety Assessment Chapter R.12: Use description Version 3.0 - December 2015.**

Descriptor list for Sector of Use (SU).

| Code | Name  | NACE Code  |
|------|---|------------|
| SU15 | Manufacture of fabricated metal products, except machinery and equipment              | C 25       |
| SU17 | General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment | C 28-30,33 |
|      |   |            |

NACE Code: Nomenclature of Economic Activities in the E.U.

Descriptor list for Chemical Product Category (PC)

|      |   |
|------|---|
| PC9a | Coatings and paints, thinners, paint removers |
|------|---|

Descriptor list for Process Categories (PROC)

|        |                                |  |
|--------|--------------------------------|--|
| PROC7  | Industrial spraying            | Air dispersive techniques i.e. dispersion into air (= atomization) by e.g. pressurized air, hydraulic pressure or centrifugation, applicable for liquids and powders.<br>Spraying for surface coating.<br>The reference to 'industrial' means that workers involved have received specific task training, follow operating procedures and act under supervision. Where engineering controls are in place, they are also operated by trained personnel and regularly maintained according to procedures. It is not meant that the activity can only take place at industrial sites. |
| PROC10 | Roller application or brushing | This includes application of paints, coatings or cleaning agents to surfaces with potential exposure arising from splashes.<br>This PROC can also be assigned to tasks such as cleaning of surfaces using long-handle tools.   |
| PROC11 | Non industrial spraying        | Air dispersive techniques i.e. dispersion into air (= atomization) by e.g. pressurized air, hydraulic pressure or centrifugation, applicable for liquids and powders.<br>Includes spraying of substances/mixtures for surface coating,<br>The reference to 'non-industrial' is to differentiate where conditions mentioned in PROC7 cannot be met. It is not meant that the activity can only take place at non-industrial sites.  |
|        |                                |  |

Descriptor list for Environmental Release Categories (ERC)

|       |   |  |
|-------|---|--|
| ERC5  | Use at industrial site leading to inclusion into/onto article   | The substance or its transformation products are included into or onto article<br>Examples:<br>• Use of binding agent and process regulators in paints and coatings or adhesives<br>Covers also uses where the substance remains in the article after having previously been used as processing aid (e.g. heat stabilisers in plastic processing). |
| ERC8c | Widespread use leading to inclusion into/onto article (indoor)  | Applies to uses by the public at large or by professional workers; substance or its transformation products will be physically or chemically bound into or onto article<br>Examples:<br>• Use of binding agent or process regulators in paints and coatings.   |
| ERC8f | Widespread use leading to inclusion into/onto article (outdoor) | Applies to uses by the public at large or by professional workers; substance or its transformation products will be physically or chemically bound into or onto article<br>Example:<br>• Use of binding agent or process regulators in paints and coatings.  |

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**Section 8.0. Exposure Controls /Personal Protection.****8.1. Control parameters****Limits for occupational exposure and / or biological limit values**

| Substance name            | 8 Hours<br>ppm | TWA (1)<br>mg/m <sup>3</sup> | STEL (2)<br>ppm | mg/m <sup>3</sup> | notes(3)  | Monitoring<br>procedures (4) |
|---------------------------|----------------|------------------------------|-----------------|-------------------|-----------|------------------------------|
| Xylene (Mixed Isomers)    | 50             | 220                          | 100             | 441               | Sk<br>WEL | Air Sampling &<br>BMGV       |
| Hydrocarbons,C9 Aromatics | 25             | 150                          |                 |                   | Sup       | Air sampling                 |
| 2-methyl propan-1-ol      | 50             | 154                          | 75              | 231               |           | Air sampling                 |
|                           |                |                              |                 |                   |           |                              |
|                           |                |                              |                 |                   |           |                              |

(1) Eight hours Time Weighted Average (2) Short Term Exposure Limits

Source: EH40/2005 : List of approved workplace exposure limits (4<sup>th</sup> edition published 2020).

(3) Notes:

**Sk** –substance may be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to system toxicity.**IOELV** – Indicative Occupational Exposure Limit Values.**Skin** – The possibility of significant uptake through the skin.**Sup** – Suppliers data. **WEL** Workplace Exposure Limit

(4) Monitoring procedure by air sampling unless otherwise given in the raw materials supplier's substance exposure scenario.

**Bmgv** – Biological monitoring guidance values – listed in table below.

| Substance                | CAS:          | Sampling   | Tissue     | Control<br>Parameter | Biological<br>monitoring<br>Guidance Value | Comment |
|--------------------------|---------------|--|------------|----------------------|--|---------|
| Xylene. Mixed<br>isomers | 1330-<br>20-7 | 650mmol of methyl hippuric acid /<br>mol creatinine in urine | Post shift | xxx                  | xxx  | xxx     |
|                          |               |  |            |                      |  |         |
|                          |               |  |            |                      |  |         |

DNEL information for: Hydrocarbons. C9. Aromatic.

| Exposure                                | Route      | Time      | Value | Unit                   |
|---|------------|-----------|-------|------------------------|
| Industrial                              | Dermal     | Long Term | 25    | mg/kg/day              |
| Industrial                              | Inhalation | Long Term | 150   | mg/m <sup>3</sup> /day |
|   |            |           |       |                        |
|   |            |           |       |                        |
| Data source: Supplier SDS (March 2013). |            |           |       |                        |

**8.2. Exposure controls****Appropriate engineering controls:**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

**Occupational exposure controls:****Respiratory protection:**

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

Disposable Respirators conforming to EN149 'FFP2' and Half Face Respirators conforming to EN 140, 141 &amp; 143 with 'A-1' and/or 'P-3' filters cannot provide adequate protection in environments where vapour and particulate concentrations are at or above the workplace exposure limits. See section 7.1.

Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

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**Hand protection:**

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

For prolonged or repeated handling, use PVC, Neoprene or Nitrile gloves.

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Additional advice may be gained from: the HSE's publication 'HSG 206-Selection of Gloves. And from the European Solvent Industries Group(ESIG)-Best Practice Guideline 5 "Safe Use of Gloves" available at:

<http://www.esig.org/en/library/publications/best-practice-guides>

**Eye protection:**

Use safety eyewear designed to protect against splash of liquids.

**Skin protection:**

Personnel should wear anti-static clothing made of natural fibre or high temperature resistant synthetic fibre.

**Environmental exposure controls:**

Do not allow to enter drains or water courses. See Section 15.

The REACH regulation (article 37) places an obligation on suppliers of hazardous mixtures to identify the processes in which the mixtures are used and to provide a simplified yet appropriate guide to the safe use of the mixture(s).

The following table gives the identified **Sector-specific Worker Exposure Description(s) – SWED**.

The appropriate **Safe Use of Mixture Information sheet – SUMI** is appended within Section 16 of this SDS.

| SWED Reference: | Applicable: | Use Group   | SUMI Ref:   |
|-----------------|-------------|---|-------------|
| CEPE-IS-01      |             | Industrial spray painting, enclosed.                      | CEPE-IS-01  |
| CEPE-IS-02      |             | Industrial spray painting, walk-in booth.                 | CEPE-IS-02  |
| CEPE-IS-03      |             | Industrial spray painting, no booth.                      | CEPE-IS-03  |
| CEPE-IS-04      |             | Industrial non-spray painting, enclosed.                  | CEPE-IS-04  |
| CEPE-IS-05      | X           | Industrial non-spray painting, no booth.                  | CEPE-IS-05  |
| CEPE-PW-01      | X           | Professional spray painting, near-industrial setting.     | CEPE-PW-01  |
| CEPE-PW-02      | X           | Professional non-spray painting, near industrial setting. | CEPE-PW-02  |
| CEPE-PW-03a     |             | Professional spray painting, indoor (level 1).            | CEPE-PW-03a |
| CEPE-PW-03b     |             | Professional spray painting, indoor (level 2).            | CEPE-PW-03b |
| CEPE-PW-04      | X           | Professional painting, indoor, brush/roller.              | CEPE-PW-04  |
| CEPE-PW-05a     |             | Professional spray painting, outdoor (level 1).           | CEPE-PW-05a |
| CEPE-PW-05b     | X           | Professional spray painting, outdoor (level 2).           | CEPE-PW-05b |
| CEPE-PW-06      | X           | Professional painting, outdoor, brush/roller.             | CEPE-PW-06  |
|                 |             |   |             |

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**Section 9. Physical and Chemical Properties.**

## 9.1. Information on basic physical and chemical properties

| Property  | Value / Range  | Method  |
|---|--|---|
| Appearance:                                     | Transparent amber or variously coloured as described on product label. |   |
| Physical state:                                 | Liquid   |   |
| Odour:  | Characteristic odour.  | (Supplier data for Xylene)  |
| Odour threshold:                                | n/d  |   |
| pH :  | Not applicable, non-aqueous mixture                                    |   |
| Melting Pt /Freezing Pt:                        | Not possible to determine  |   |
| Initial Boiling Pt / Boiling range:             | 137 deg C  | (Supplier data for Xylene)  |
| Flash Pt:                                       | 24 deg C (Closed Cup)  | (Supplier data for Xylene)  |
| Evaporation rate:                               | n/a  |   |
| Flammability (solid, gas)                       | n/d  |   |
| Upper / lower flammability or explosive limits: | Upper 7.0<br>Lower 1.0   | (Supplier data for Xylene)  |
| Vapour pressure:                                | 8.2 hPa @ 20 deg C   | (Supplier data for Xylene)  |
| Vapour density, or Relative density to air:     | Heavier than air.  | (Supplier data for Xylene)  |
| Relative Density                                | Range 0.98 – 1.20 gm/ml  | Estimated. Values will vary with product composition                  |
| Solubility in water                             | nil  |   |
| Partition coefficient – n-octanol/water.        | n/d  |   |
| Auto ignition temp.                             | 460 deg C  | (Supplier data for Xylene)  |
| Decomposition temp.                             |  |   |
| Viscosity:                                      | Range 80-240 sec Din4  | Estimated value range. Product displays anomalous (thixotropic) flow. |
| Explosive properties:                           | Not explosive. May form explosive mixture with air.                    |   |
| Oxidising properties:                           | Not oxidizing.   |   |

n/d = no data n/a = not applicable for this product

**9.2. Other information**

No information.

**Section 10. Stability and Reactivity.****10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

Stable under recommended storage and handling conditions (see section 7).

**10.3. Possibility of hazardous reactions**

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

**10.4. Conditions to avoid**

When exposed to high temperatures may produce hazardous decomposition products.

**10.5. Incompatible materials;**

Organic peroxides. Oxidising Acids and strong oxidizing agents.

**10.6. Hazardous decomposition products:**

**Does not decompose when used for intended uses.**

During combustion and in addition to oxides of carbon and nitrogen, unspecific partial oxides and combination products of carbon and nitrogen may be produced.

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**Section 11, Toxicological information.**

There is no data available on the mixture itself.

The mixture has been assessed following the conventional method within Regulation EC No.1272/2008 classified for toxicological hazards accordingly.

For Xylol paints:

ATE (Acute Toxicity Estimate) range values:

ATE (mix) (Oral) = 300<ATE<2000 mg/kg

ATEmix (Dermal) =1000<ATE<2000 mg/kg

ATEmix(Inhalation) =10<ATE<20 mg/l/4hr (vapours)

See Sections 2 and 3 for details.

**11.1. Information on toxicological effects:**

Data for the individual substances in the mixture, identified in section 3.2. is taken from supplier's data sheets and given here:

|                             |  |
|-----------------------------|--|
| Substance:                  | Xylene   |
| Acute Toxicity:             | Oral LD50 4300mg/kg Rat<br>Dermal LD50 >1700mg/kg Rabbit |
| Skin Irritation/Corrosivity | See general information 11.1.1.                          |
| Eye Irritation/Damage       | Not corrosive  |
| Sensitivity                 | Not sensitizing  |
| Repeated dose toxicity      | No information given                                     |
| Carcinogenicity             | Not carcinogenic   |
| Mutagenicity                | No information given                                     |
| Toxicity for reproduction   | No information given                                     |
| STOT– single exposure       |  |
| STOT– repeated exposure     |  |
| Aspiration hazard           |  |

|                           |   |
|---------------------------|---|
| Substance:                | Hydrocarbons. C9, Aromatics                                 |
| Acute Toxicity:           | Oral LD50 >2000mg/kg Rat<br>Dermal LD50 > 2000mg/kg Rabbit. |
| Irritation                | See general information 11.1.1                              |
| Corrosivity               | Not corrosive   |
| Sensitivity               | Not sensitizing   |
| Repeated dose toxicity    | No information  |
| Carcinogenicity           | Not carcinogenic  |
| Mutagenicity              | No information  |
| Toxicity for reproduction | No information  |

**11.1.1 General information.**

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin.

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhoea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

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**Section 12. Ecological information.**

There are no data available on the mixture itself.

Do not allow to enter drains or water courses

The mixture has been assessed following the conventional method within the CLP Regulation EC No.1272/2008 and is not classified as dangerous for the environment, but contains substance(s) hazardous to the aquatic environment. See section 3 for details.

|  |   |
|--|---|
| Substance:                               | Hydrocarbons. C9, Aromatics.  |
| 12.1. Toxicity.                          | Acute Toxicity, Fish LC50 <10mg/l.<br>Acute Toxicity, Aquatic invertebrates LC50 <10mg/l<br>Acute Toxicity, Aquatic plants EC50 <10mg/l |
| 12.2. Persistence and degradability.     | Expected to be readily biodegradable. Undergoes rapid photochemical oxidation in air.   |
| 12.3. Bioaccumulation potential.         | Does not significantly bioaccumulate.   |
| 12.4. Mobility in soil.                  | Mobile, may contaminate ground water.   |
| 12.5. Result of PBT and vPvB assessment. | Not classified as PBT or vPvB   |
| 12.6. Other adverse effects.             | Contains voc's which have an ozone creation potential   |

**Section 13. Disposal considerations.****13.1. Waste treatment methods**

Waste and emptied containers are controlled wastes and should be disposed of in accordance with the Environmental Protection(Duty of Care) Regulations (in England, Scotland and Wales or The Controlled Waste (Duty of Care) Regulations in Northern Ireland).

The European Waste Catalogue classification for this product, when disposed of as waste is given in Directive 2000/532/EC) (SI 2005 No. 895) as:

Waste Code: 08-01-11\* Waste paint and varnish containing organic solvents or other dangerous substances.

08-01-15\* Aqueous sludge from paint and varnish containing organic solvents and dangerous substances.

15-01-10\* Packaging containing residue of, or contaminated by dangerous substances.

15-02-02\* Absorbents / Filters / Cloths contaminated by dangerous substances.

## 13.1.2.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned

## 13.1.3.

Do not Allow into drains or water courses or dispose of where ground or surface waters may be affected.

## 13.1.4.

For further information contact your local waste authority.

Using information provided in this safety data sheet, advice should be obtained from the local waste authority on the classification of empty containers.

Empty containers must be scrapped or reconditioned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions.

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**Section 14. Transport information.****Transport within the user's premises:**

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of a spillage or accident.

Transport in accordance with ADR/ RID, IMDG and for air, IATA/ICAO.

|   |                                      |
|---|--------------------------------------|
| UN Number   | UN1263                               |
| UN Proper Shipping Name                               | Paint Product                        |
| Transport Class                                       | 3                                    |
| Subsidiary Risk                                       | Flammable Liquid.                    |
| Label Number  | 3                                    |
| Packing Group:  | III                                  |
| Environmental Hazard:                                 | No                                   |
| Special Provision<br>Tunnel code<br>Packing Provision | (D/E)                                |
| IMDG Code – additional information.                   |                                      |
| Marine Pollutant Substance                            |                                      |
| Emergency Schedule No:                                | F-E, S-E                             |
| ADR/RID – additional information.                     |                                      |
| Viscous Substance up to<br>30Litre packs              | None exempt material [IMDG 2.3.2.5]  |
| Viscous substance up to 450<br>litre pack             | None exempt material [ADR 2.2.3.1.5] |
| Transport in Bulk                                     | Not applicable                       |

**Section 15. Regulatory information.****15.1**

*Safety, health and environment regulation and, or legislation specific to the mixture:*

The information contained in this safety data sheet does not constitute the users own assessment of workplace risk as required by other health and safety legislation.

The provisions of the Health and Safety at Work Act apply to the use of this product at work through the following (this is not an exhaustive listing):

Management of Health and Safety at Work Regulations 1999 (SI1999:3242) and

The Control of Substances Hazardous to Health Regs. 2002 [SI 2002:2677]

The Personal Protective Equipment at Work Regulations 1992 (SI 1992: 2966)

The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (SI 1995: 3163)

The Provision and Use of Work Equipment Regulations 1998 (SI1998:2306)

Control of Major Accidents Hazards Regulations 2015 (SI2015:483).

Dangerous Substances and Explosive Atmospheres Regulations2002 [SI 2002:2776]

The Environmental Permitting (England and Wales) Regulations 2016 [SI 2016: PG6/15 & PG 6/25

The Carriage of Dangerous Goods and Use of Transportable Pressure Receptacles Regulations 2007 (SI2007:1573)

Environmental Permitting (England and Wales) Regulations 2010(SI 2010:675)

The Solvent Emission (England and Wales) Regulations 2004 SI2004:107

The Environmental Protection ( Duty of Care ) Regs. 1992 ( S I 1992: 2839 ),

The Manual Handling Operations Regs 1992 ( S I 1992 : 2793),

The Hazardous Waste (England and Wales) Regulations 2005 [SI 2005 : 894]

The Hazardous Waste (England and Wales) Regulations 2005 (SI2005:894)

**15.2**

Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

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**Section 16, other information.****16.1****Text of H-phrase referred to but, not reproduced in full in Sections 2 and 3:**

H304: May be fatal if swallowed and enters airways.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

H336: May cause drowsiness and dizziness.

H351: Suspected of causing cancer.

H411: Toxic to aquatic life with long lasting effects'

**16.2****Other information.**

The mixture(s) referred to in this SDS have been classified according to the CLP regulations by the conventional (calculation) method through the use of (commercially available) Gobar Haz-Mix software program.

The SDS layout and wording is derived from the CEPE Guideline on Safety Data Sheets for the paint industry –Edition 10, Issued 18<sup>th</sup> Dec.2014 and the CEPE basic phrase catalogue for SDS-01-CEPE model safety data sheet. Amendment and additions have been taken from ECHA – SDS Guide version 3.1. and Regulation (EC) 2015/830

Section 1 information regarding National Poison Centre codes and descriptions is taken from ECHA publication European product categorization system (EuPCS) v.1.0.

Section 7 information is taken from ECHA publication: Guidance on Information Requirements and Chemical Safety Assessment Chapter R.12: Use description Version 3.0 - December 2015.

Section 8 information regarding SWED & SUMI is taken from CEPE Guidance Note-Downstream Communication of Safe Use Information for Mixtures Edn.1, April 2017.

This data sheet format constitutes H.S.R - Version 4.0

The information contained herein is based upon the present state of our knowledge.

The product should not be used for purposes other than in Sec 1, without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use are outside the suppliers control, the user is responsible for ensuring that the relevant legislative requirements are complied with.

The information given herewith is based on the present state of knowledge and current legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as a guarantee of technical performance or suitability for particular applications.

Further information can be found in:

COSHH Essentials; easy steps to control chemicals, ( HSG 193 )

ACoP – DSEAR [ L138]

A Guide to Working with solvents. ( INDG 272 )

Chemical Warehousing: The Storage of Packaged Dangerous Substances. ( HSG 71 )

Chemical Warehousing: Storage of Flammable Liquids in Containers, ( HSG 51 )

HSE website [www.hse.gov.uk](http://www.hse.gov.uk)

Obtained from H S E Books and / or the Stationery Office (HMSO).

**16.3****Record of Change.**

SDS Format 4./Issue 2/ June 2020 replaces all previous issues.

Includes changes to Section: 1.2;1.3; 3.0; 5.1; 5.3; 6.1; 6.3; 7.3; 8.1; 8.2; 11.2; 16.3; 16.4

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**16.4****Annex-1****Safe Use of Mixture Information sheet (SUMI)**

| <b>Applicable</b> | <b>SUMI – Doc. Ref:</b> | <b>Short Title</b>  | <b>Application description</b>   | <b>Notes.</b> |
|-------------------|-------------------------|---|--|---------------|
|                   | CEPE-IS-01              | Industrial spray painting, enclosed.                      | Paint application on an industrial line with fully-enclosed spraying.  |               |
|                   | CEPE-IS-02              | Industrial spray painting, walk-in booth.                 | Paint application on an industrial line with walk-in spray booth.  |               |
|                   | CEPE-IS-03              | Industrial spray painting, no booth.                      | Paint application on an industrial line with no enclosure (only local exhaust ventilation).  |               |
|                   | CEPE-IS-04              | Industrial low-energy painting, enclosed.                 | Paint application on an industrial scale by brush, roller, dipping, spreading, coil, fluidised bed or curtain coating (enclosed application).          |               |
| <b>X</b>          | CEPE-IS-05              | Industrial low-energy painting, no booth.                 | Paint application on an industrial line by brush, roller, dipping, spreading, coil, fluidised bed or curtain coating (Local exhaust ventilation only). |               |
| <b>X</b>          | CEPE-PW-01              | Professional spray painting, near-industrial setting.     | Indoor spray painting by professionals with efficient ventilation such as spray booth or local exhaust ventilation.                                    | Indoor        |
| <b>X</b>          | CEPE-PW-02              | Professional low-energy painting, near industrial setting | Indoor painting by professionals with brush, roller, putty-knife, etc. with enhanced ventilation or local exhaust ventilation.                         | Indoor        |
|                   | CEPE-PW-03a             | Professional spray painting, indoor (level-1)             | Indoor spray painting by professionals for general applications (e.g. decorative) with general room ventilation only (open doors/windows).             | Indoor        |
|                   | CEPE-PW-03b             | Professional spray painting, indoor (level-2)             | Indoor spray painting by professionals for specialist applications with good general room ventilation plus respiratory protection.                     | Indoor        |
| <b>X</b>          | CEPE-PW-04              | Professional painting, indoor brush/roller                | Indoor painting by professionals with brush or roller with good general room ventilation (open doors/windows).   | Indoor        |
|                   | CEPE-PW-05a             | Professional spray painting, outdoor (level-1).           | Outdoor spray painting by professionals for general applications (e.g. decorative).  | Outdoor       |
| <b>X</b>          | CEPE-PW-05b             | Professional spray painting, outdoor (level-2).           | Outdoor spray painting by professionals for specialist applications with respiratory protection.   | Outdoor       |
| <b>X</b>          | CEPE-PW-06              | Professional painting, outdoor brush / roller.            | Outdoor painting by professionals with brush / roller.   | Outdoor       |

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| <b>SUMI</b><br><b>Safe Use of Mixtures Information</b><br><b>for end-users.</b> | Technispray Paints Ltd<br>Catherine Street.<br>Birmingham,<br>West Midlands.<br>B6 5RS. |
| Title: Industrial low-energy painting, no booth.                                | Document Ref: KolorAll 01 - 01  |

***This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and Labels.***

#### General description of the process covered.

Paint application on an industrial line by brush, roller, dipping, spreading, coil, fluidised bed or curtain coating (Local exhaust ventilation only).

This safe use information is linked to SWED Ref: CEPE-IS-05.

#### Operational Conditions (OC)

Indoor use.

Maximum duration of individual exposure: covers daily use up to 8 hrs per day, 225 days per year.

#### Risk Management Measures (RMM)

| Contributing Activity   | Ventilation                            | Ventilation-air changes/hr             |
|---|--|--|
| Preparation of material for application                                   | Enhanced (mechanical) room ventilation | 5-10                                   |
| Loading of application equipment and handling of coated parts before cure | Enhanced (mechanical) room ventilation | 5-10                                   |
| Application   | Local exhaust ventilation              | Refer to relevant technical standards, |
| Drying / curing   | Enhanced (mechanical) room ventilation | 5-10                                   |
| Application equipment cleaning  | Enhanced (mechanical) room ventilation | 5-10                                   |
| Waste management  | Enhanced (mechanical) room ventilation | 5-10                                   |

| Contributing activity   | Respiratory | Eye                                    | Hands                                 |
|---|-------------|--|---------------------------------------|
| Preparation of material for application                                     | None        | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Loading of application equipment and handling of coated parts before curing | None        | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Application   | None        | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Drying /curing  | None        | None                                   | None                                  |
| Application equipment cleaning  | None        | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Waste management  | None        | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |

See chapter 8 of the Safety Data Sheet for specifications.



#### Disclaimer.

The information in this Safe Use of Mixtures Information sheet is based on the data provided by the substance supplier for the substances in the product for which a chemical safety assessment has been carried out at the time of issue. It does not guarantee safe use of the product and does not replace any occupational risk assessment required by legislation. When developing workplace instructions for employees, SUMI sheets should always be considered with the SDS and the label of the product.

No liability is accepted for any damage, no matter of what kind, which is the direct or indirect consequence of acts and / or decisions (partly) based on the contents of this document.

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| Title: Professional spray painting, near-industrial setting.                    | Document Ref: KolorAll -01 -02   |

***This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and Labels.***

#### General description of the process covered.

Indoor spray painting by professionals with efficient ventilation such as spray booth or local exhaust ventilation.

This safe use information is linked to SWED Ref: CEPE-PW-05.

#### Operational Conditions (OC)

Indoor use.

Maximum duration of individual exposure: covers daily use up to 8 hrs per day, 225 days per year.

#### Risk Management Measures (RMM)

| Contributing Activity   | Ventilation   | Ventilation-air changes/hr             |
|---|---|--|
| Preparation of material for application                                   | Enhanced (mechanical) room ventilation              | 5-10                                   |
| Loading of application equipment and handling of coated parts before cure | Enhanced (mechanical) room ventilation              | 5-10                                   |
| Application   | Local exhaust ventilation spray booth or equivalent | Refer to relevant technical standards, |
| Drying / curing   | Enhanced (mechanical) room ventilation              | 5-10                                   |
| Application equipment cleaning  | Enhanced (mechanical) room ventilation              | 5-10                                   |
| Waste management  | Enhanced (mechanical) room ventilation              | 5-10                                   |

| Contributing activity   | Respiratory   | Eye                                    | Hands                                 |
|---|---|--|---------------------------------------|
| Preparation of material for application                                     | None  | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Loading of application equipment and handling of coated parts before curing | None  | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Application   | Wear a respirator conforming to EN140 with an assigned protection factor of at least 10 | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Drying /curing  | None  | None                                   | None                                  |
| Application equipment cleaning  | None  | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Waste management  | None  | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |

See chapter 8 of the Safety Data Sheet for specifications.



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| Title: Professional low-energy painting, near industrial setting                |   | Document Ref: KolorAll -01-03 |

***This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and Labels.***

#### General description of the process covered.

Indoor painting by professionals with brush, roller, etc. with enhanced ventilation or local exhaust ventilation.

This safe use information is linked to SWED Ref: Kolorklad-01.

#### Operational Conditions (OC)

Indoor use.

Maximum duration of individual exposure: covers daily use up to 8 hrs per day, 225 days per year.

#### Risk Management Measures (RMM)

| Contributing Activity   | Ventilation                            | Ventilation-air changes/hr             |
|---|--|--|
| Preparation of material for application                                   | Enhanced (mechanical) room ventilation | 5-10                                   |
| Loading of application equipment and handling of coated parts before cure | Enhanced (mechanical) room ventilation | 5-10                                   |
| Application   | Local exhaust ventilation              | Refer to relevant technical standards, |
| Drying / curing   | Enhanced (mechanical) room ventilation | 5-10                                   |
| Application equipment cleaning  | Enhanced (mechanical) room ventilation | 5-10                                   |
| Waste management  | Enhanced (mechanical) room ventilation | 5-10                                   |

| Contributing activity   | Respiratory  | Eye                                    | Hands                                 |
|---|--|--|---------------------------------------|
| Preparation of material for application                                     | None   | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Loading of application equipment and handling of coated parts before curing | None   | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Application   | Wear a respirator to EN140 with an assigned protection factor of at least 10 | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Drying /curing  | None   | None                                   | None                                  |
| Application equipment cleaning  | None   | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Waste management  | None   | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |

See chapter 8 of the Safety Data Sheet for specifications.



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| Title: Professional painting, indoor brush/roller                               | Document Ref: KolorAll 01 - 04   |

***This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and Labels.***

#### General description of the process covered.

Indoor painting by professionals with brush or roller with good general room ventilation (open doors/windows).

This safe use information is linked to SWED Ref: Kolorklad 01

#### Operational Conditions (OC)

Indoor use.

Maximum duration of individual exposure: covers daily use up to 8 hrs per day, 225 days per year.

#### Risk Management Measures (RMM)

| Contributing Activity   | Ventilation                                       | Ventilation-air changes/hr |
|---|---|----------------------------|
| Preparation of material for application                                   | Good general room ventilation (e.g. open windows) | 3-5                        |
| Loading of application equipment and handling of coated parts before cure | Good general room ventilation (e.g. open windows) | 3-5                        |
| Application   | Good general room ventilation (e.g. open windows) | 3-5                        |
| Drying / curing   | Good general room ventilation (e.g. open windows) | 3-5                        |
| Application equipment cleaning  | Good general room ventilation (e.g. open windows) | 3-5                        |
| Waste management  | Good general room ventilation (e.g. open windows) | 3-5                        |

| Contributing activity   | Respiratory | Eye                                    | Hands                                 |
|---|-------------|--|---------------------------------------|
| Preparation of material for application                                     | None        | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Loading of application equipment and handling of coated parts before curing | None        | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Application   | None        | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Drying /curing  | None        | None                                   | None                                  |
| Application equipment cleaning  | None        | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Waste management  | None        | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |

See chapter 8 of the Safety Data Sheet for specifications.



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| Title: Professional spray painting, outdoor (level-2).                          | Document Ref: KolorAll 01 - 05   |

***This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and Labels.***

#### General description of the process covered.

Outdoor spray painting by professionals for specialist applications with respiratory protection.

This safe use information is linked to SWED Ref: Kolorklad 01

#### Operational Conditions (OC)

Outdoor use.

Maximum duration of individual exposure: covers daily use up to 8 hrs per day, 225 days per year.

#### Risk Management Measures (RMM)

| Contributing Activity   | Ventilation | Ventilation-air changes/hr |
|---|-------------|----------------------------|
| Preparation of material for application                                   | Outdoors    | 3-5                        |
| Loading of application equipment and handling of coated parts before cure | Outdoors    | 3-5                        |
| Application   | Outdoors    | 3-5                        |
| Drying / curing   | Outdoors    | 3-5                        |
| Application equipment cleaning  | Outdoors    | 3-5                        |
| Waste management  | Outdoors    | 3-5                        |

| Contributing activity   | Respiratory   | Eye                                    | Hands                                 |
|---|---|--|---------------------------------------|
| Preparation of material for application                                     | None  | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Loading of application equipment and handling of coated parts before curing | None  | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Application   | Wear a respirator conforming to EN140 with an assigned protection factor of at least 10 | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Drying /curing  | None  | None                                   | None                                  |
| Application equipment cleaning  | None  | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Waste management  | None  | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |

See chapter 8 of the Safety Data Sheet for specifications.



#### Disclaimer.

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| <b>SUMI<br/>Safe Use of Mixtures Information<br/>for end-users.</b> | Technispray Paints Ltd, Catherine Street.<br>Birmingham<br>West Midlands. B6 5RS. |
| Title: Professional painting, outdoor brush / roller.               | Document Ref: KolorAll 01 -06   |

***This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and Labels.***

#### General description of the process covered.

Outdoor painting by professionals with brush / roller.

This safe use information is linked to SWED Ref: CEPE-PW-06

#### Operational Conditions (OC)

Outdoor use.

Maximum duration of individual exposure: covers daily use up to 8 hrs per day, 225 days per year.

#### Risk Management Measures (RMM)

| Contributing Activity   | Ventilation | Ventilation-air changes/hr |
|---|-------------|----------------------------|
| Preparation of material for application                                   | Outdoors    | 3-5                        |
| Loading of application equipment and handling of coated parts before cure | Outdoors    | 3-5                        |
| Application   | Outdoors    | 3-5                        |
| Drying / curing   | Outdoors    | 3-5                        |
| Application equipment cleaning  | Outdoors    | 3-5                        |
| Waste management  | Outdoors    | 3-5                        |

| Contributing activity   | Respiratory | Eye                                    | Hands                                 |
|---|-------------|--|---------------------------------------|
| Preparation of material for application                                     | None        | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Loading of application equipment and handling of coated parts before curing | None        | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Application   | None        | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Drying /curing  | None        | None                                   | None                                  |
| Application equipment cleaning  | None        | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |
| Waste management  | None        | Use eye protection according to EN 166 | Wear suitable gloves tested to EN 374 |

See chapter 8 of the Safety Data Sheet for specifications.



#### Disclaimer.

The information in this Safe Use of Mixtures Information sheet is based on the data provided by the substance supplier for the substances in the product for which a chemical safety assessment has been carried out at the time of issue. It does not guarantee safe use of the product and does not replace any occupational risk assessment required by legislation. When developing workplace instructions for employees, SUMI sheets should always be considered with the SDS and the label of the product.

No liability is accepted for any damage, no matter of what kind, which is the direct or indirect consequence of acts and / or decisions (partly) based on the contents of this document.

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| MSDS Ref: | File: | Page 19 of 19 | Issue - 02:00  | Version: 02:01 replacing all previous versions. |
| KolorAll  |       |               | Date June 2023 | Date June 2023                                  |