

## CEPE Specific Consumer Exposure Determinants (“SCEDs”)

SCEDs have been developed by downstream user sector organisations under Action Area 2.5 of the ECHA CSR/ES Roadmap. They form part of the use maps concept, to facilitate improved communication upstream to registrants about the uses of formulated chemical products (mixtures).

The purpose of SCEDs is to provide more realistic information on the uses of mixtures by **consumers** and the resulting exposures, which can be used in Chemical Safety Assessments for substances either by registrants or by downstream users. SCEDs can be used as input information for Tier 1 models, such as ECETOC TRA, or for higher-tier models as appropriate (e.g. ConsExpo).

### CEPE SCEDs for DIY painting

CEPE has developed a set of SCED factsheets for do-it-yourself painting and related tasks. The data in these factsheets, where they deviate from standard default values, are based on the results of a study of consumer painting habits and practices commissioned by CEPE. This survey was conducted between March and May 2015 and included 7542 respondents in 15 EU Member States (selected to represent 92% of the EU population). An independent statistical analysis of the survey data was commissioned to derive robust percentile values for use in the SCEDs. The survey results are not published openly, but CEPE remains at the disposal of authorities for dialogue about the basis for these SCEDs.

The full set currently comprises the following SCED factsheets (*see individual SCEDs for version details*):

<a href="#">CEPE SCED 9a 01</a>	Interior wall paints – roller/brush
<a href="#">CEPE SCED 9a 02</a>	Exterior wall paints – roller/brush
<a href="#">CEPE SCED 9a 03</a>	Interior trim paints – roller/brush
<a href="#">CEPE SCED 9a 04</a>	Exterior trim paints – roller/brush
<a href="#">CEPE SCED 9a 05</a>	Interior spray paints – aerosol
<a href="#">CEPE SCED 9a 06</a>	Exterior spray paints – aerosol
<a href="#">CEPE SCED 9a 07</a>	Interior removers – roller/brush
<a href="#">CEPE SCED 9a 08</a>	Exterior removers – roller/brush
<a href="#">CEPE SCED 9b 09</a>	Fillers and putties (indoor)
<a href="#">CEPE SCED 9b 10</a>	Plasters and floor equalisers (indoor)

## **CEPE Specific Consumer Exposure Determinants (“SCEDs”)**

**Products/activities covered by the SCED:**

Water based paints – indoor application by roller or brush (walls, floors and ceilings).

**Applicability of the SCED (depending on substances properties):**

All substances used in water-based consumer paints marketed for the above purpose.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>1</sup> and [ESCOM phrase Code]<sup>2</sup></b>
<b>SCED characteristics</b>	
<b>Name of the SCEDs</b>	Interior wall paints – roller/brush
<b>PC/AC descriptor</b>	PC9a
<b>SCED code</b>	CEPE_SCED_9a_01_v1
<b>Code of other related SCED</b>	n.a.
<b>Author</b>	CEPE
<b>Source of SCED</b>	<a href="http://www.cepe.org">www.cepe.org</a>
<b>Physical form of the products</b>	Liquids
<b>User characteristics</b>	
<b>Adult/child assumed</b>	Product used by adult (defaults based upon adult exposure factors)
<b>Common Determinants</b>	
<b>Concentration of substance in mixture (g/g)</b>	0.5 (solvent/carrier) 0.3 (other substances)
<b>Explanations</b>	CEPE suggested defaults, to be used only in absence of more specific information about substance concentration in product.
<b>Frequency of use over a day (event/day)</b>	Once per day
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Frequency of use over a year (days/year)</b>	7
<b>Rationale</b>	CEPE consumer painting survey 2015; 90 <sup>th</sup> percentile for relevant job type. ECHA Guidance on Information Requirements and Chemical Safety Assessment Chapter R.15: Consumer Exposure Assessment defines infrequent use as <15 days per year.
<b>Dermal Specific Determinants</b>	
<b>Exposure via dermal route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Skin Contact Area</b>	Inside of 2 hands/ palm of 2 hands / One hand
<b>Rationale</b>	Unchanged from ECETOC TRA default value

<sup>1</sup> Blue text denotes refinements beyond the capabilities of TRA v.3.1. These data can be used in higher tier tools.

<sup>2</sup> Relevant ESCOM phrases to be communicated are identified by the corresponding code for each applicable field of the factsheet. They are provided under bracket.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>1</sup> and [ESCOM phrase Code]<sup>2</sup></b>
<b>Dermal transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Inhalation Specific Determinants</b>	
<b>Exposure via inhalation route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Spray application?</b>	No
<b>Amount of Product used per application (g/event)</b>	3750g
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Exposure Time per event (h)</b>	8
<b>Rationale</b>	CEPE consumer painting survey 2015 (90 <sup>th</sup> percentile); includes exposure time whilst not actually painting
<b>Inhalation transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Place of use</b>	Indoor
<b>Oral Specific Determinants</b>	
<b>Exposure via oral route</b>	Oral exposure not foreseen
<b>Rationale</b>	Negligible hand-to-mouth transfer can be assumed for adult users – hand washing is normal before eating, smoking etc.
<b>Volume swallowed (cm<sup>3</sup>)</b>	Not applicable
<b>Rationale</b>	Not applicable
<b>Oral transfer Factor</b>	Not applicable
<b>Rationale</b>	Not applicable

## **CEPE Specific Consumer Exposure Determinants (“SCEDs”)**

**Products/activities covered by the SCED:**

Water based paints – outdoor application by roller or brush (walls).

**Applicability of the SCED (depending on substances properties):**

All substances used in water-based consumer paints marketed for the above purpose.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>3</sup> and [ESCOM phrase Code]<sup>4</sup></b>
<b>SCED characteristics</b>	
<b>Name of the SCEDs</b>	Exterior wall paints – roller/brush
<b>PC/AC descriptor</b>	PC9a
<b>SCED code</b>	CEPE_SCED_9a_02_v1
<b>Code of other related SCED</b>	n.a.
<b>Author</b>	CEPE
<b>Source of SCED</b>	<a href="http://www.cepe.org">www.cepe.org</a>
<b>Physical form of the products</b>	Liquids
<b>User characteristics</b>	
<b>Adult/child assumed</b>	Product used by adult (defaults based upon adult exposure factors)
<b>Common Determinants</b>	
<b>Concentration of substance in mixture (g/g)</b>	0.5 (solvent/carrier) 0.3 (other substances)
<b>Explanations</b>	CEPE suggested defaults, to be used only in absence of more specific information about substance concentration in product.
<b>Frequency of use over a day (event/day)</b>	Once per day
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Frequency of use over a year (days/year)</b>	8
<b>Rationale</b>	CEPE consumer painting survey 2015; 90 <sup>th</sup> percentile for relevant job type. ECHA Guidance on Information Requirements and Chemical Safety Assessment Chapter R.15: Consumer Exposure Assessment defines infrequent use as <15 days per year.
<b>Dermal Specific Determinants</b>	
<b>Exposure via dermal route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Skin Contact Area</b>	Inside of 2 hands/ palm of 2 hands / One hand
<b>Rationale</b>	Unchanged from ECETOC TRA default value

<sup>3</sup> Blue text denotes refinements beyond the capabilities of TRA v.3.1. These data can be used in higher tier tools.

<sup>4</sup> Relevant ESCOM phrases to be communicated are identified by the corresponding code for each applicable field of the factsheet. They are provided under bracket.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>3</sup> and [ESCOM phrase Code]<sup>4</sup></b>
<b>Dermal transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Inhalation Specific Determinants</b>	
<b>Exposure via inhalation route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Spray application?</b>	No
<b>Amount of Product used per application (g/event)</b>	3750g
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Exposure Time per event (h)</b>	8
<b>Rationale</b>	CEPE consumer painting survey 2015 (90 <sup>th</sup> percentile); includes exposure time whilst not actually painting
<b>Inhalation transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Place of use</b>	Outdoor
<b>Oral Specific Determinants</b>	
<b>Exposure via oral route</b>	Oral exposure not foreseen
<b>Rationale</b>	Negligible hand-to-mouth transfer can be assumed for adult users – hand washing is normal before eating, smoking etc.
<b>Volume swallowed (cm<sup>3</sup>)</b>	Not applicable
<b>Rationale</b>	Not applicable
<b>Oral transfer Factor</b>	Not applicable
<b>Rationale</b>	Not applicable

## **CEPE Specific Consumer Exposure Determinants (“SCEDs”)**

### **Products/activities covered by the SCED:**

Trim paints (water-based/solvent-based/high solids) – indoor application by roller or brush (doors, window frames etc.).

### **Applicability of the SCED (depending on substances properties):**

All substances used in consumer paints marketed for the above purpose.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>5</sup> and [ESCOM phrase Code]<sup>6</sup></b>
<b>SCED characteristics</b>	
<b>Name of the SCEDs</b>	Interior trim paints – roller/brush
<b>PC/AC descriptor</b>	PC9a
<b>SCED code</b>	CEPE_SCED_9a_03_v1
<b>Code of other related SCED</b>	n.a.
<b>Author</b>	CEPE
<b>Source of SCED</b>	<a href="http://www.cepe.org">www.cepe.org</a>
<b>Physical form of the products</b>	Liquids
<b>User characteristics</b>	
<b>Adult/child assumed</b>	Product used by adult (defaults based upon adult exposure factors)
<b>Common Determinants</b>	
<b>Concentration of substance in mixture (g/g)</b>	0.5 (solvent/carrier) 0.3 (other substances)
<b>Explanations</b>	CEPE suggested defaults, to be used only in absence of more specific information about substance concentration in product.
<b>Frequency of use over a day (event/day)</b>	Once per day
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Frequency of use over a year (days/year)</b>	7
<b>Rationale</b>	CEPE consumer painting survey 2015; 90 <sup>th</sup> percentile for relevant job type. ECHA Guidance on Information Requirements and Chemical Safety Assessment Chapter R.15: Consumer Exposure Assessment defines infrequent use as <15 days per year.
<b>Dermal Specific Determinants</b>	
<b>Exposure via dermal route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Skin Contact Area</b>	Inside of 2 hands/ palm of 2 hands / One hand

<sup>5</sup> Blue text denotes refinements beyond the capabilities of TRA v.3.1. These data can be used in higher tier tools.

<sup>6</sup> Relevant ESCOM phrases to be communicated are identified by the corresponding code for each applicable field of the factsheet. They are provided under bracket.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>5</sup> and [ESCOM phrase Code]<sup>6</sup></b>
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Dermal transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Inhalation Specific Determinants</b>	
<b>Exposure via inhalation route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Spray application?</b>	No
<b>Amount of Product used per application (g/event)</b>	1300g
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Exposure Time per event (h)</b>	7
<b>Rationale</b>	CEPE consumer painting survey 2015 (90 <sup>th</sup> percentile); includes exposure time whilst not actually painting
<b>Inhalation transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Place of use</b>	Indoor
<b>Oral Specific Determinants</b>	
<b>Exposure via oral route</b>	Oral exposure not foreseen
<b>Rationale</b>	Negligible hand-to-mouth transfer can be assumed for adult users – hand washing is normal before eating, smoking etc.
<b>Volume swallowed (cm<sup>3</sup>)</b>	Not applicable
<b>Rationale</b>	Not applicable
<b>Oral transfer Factor</b>	Not applicable
<b>Rationale</b>	Not applicable

## **CEPE Specific Consumer Exposure Determinants (“SCEDs”)**

### **Products/activities covered by the SCED:**

Trim paints (water-based/solvent-based/high solids) – outdoor application by roller or brush (doors, window frames etc.).

### **Applicability of the SCED (depending on substances properties):**

All substances used in consumer paints marketed for the above purpose.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>7</sup> and [ESCOM phrase Code]<sup>8</sup></b>
<b>SCED characteristics</b>	
<b>Name of the SCEDs</b>	Exterior trim paints – roller/brush
<b>PC/AC descriptor</b>	PC9a
<b>SCED code</b>	CEPE_SCED_9a_04_v1
<b>Code of other related SCED</b>	n.a.
<b>Author</b>	CEPE
<b>Source of SCED</b>	<a href="http://www.cepe.org">www.cepe.org</a>
<b>Physical form of the products</b>	Liquids
<b>User characteristics</b>	
<b>Adult/child assumed</b>	Product used by adult (defaults based upon adult exposure factors)
<b>Common Determinants</b>	
<b>Concentration of substance in mixture (g/g)</b>	0.5 (solvent/carrier) 0.3 (other substances)
<b>Explanations</b>	CEPE suggested defaults, to be used only in absence of more specific information about substance concentration in product.
<b>Frequency of use over a day (event/day)</b>	Once per day
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Frequency of use over a year (days/year)</b>	8
<b>Rationale</b>	CEPE consumer painting survey 2015; 90 <sup>th</sup> percentile for relevant job type. ECHA Guidance on Information Requirements and Chemical Safety Assessment Chapter R.15: Consumer Exposure Assessment defines infrequent use as <15 days per year.
<b>Dermal Specific Determinants</b>	
<b>Exposure via dermal route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Skin Contact Area</b>	Inside of 2 hands/ palm of 2 hands / One hand

<sup>7</sup> Blue text denotes refinements beyond the capabilities of TRA v.3.1. These data can be used in higher tier tools.

<sup>8</sup> Relevant ESCOM phrases to be communicated are identified by the corresponding code for each applicable field of the factsheet. They are provided under bracket.



<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>7</sup> and [ESCOM phrase Code]<sup>8</sup></b>
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Dermal transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Inhalation Specific Determinants</b>	
<b>Exposure via inhalation route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Spray application?</b>	No
<b>Amount of Product used per application (g/event)</b>	1300g
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Exposure Time per event (h)</b>	8
<b>Rationale</b>	CEPE consumer painting survey 2015 (90 <sup>th</sup> percentile); includes exposure time whilst not actually painting
<b>Inhalation transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Place of use</b>	Outdoor
<b>Oral Specific Determinants</b>	
<b>Exposure via oral route</b>	Oral exposure not foreseen
<b>Rationale</b>	Negligible hand-to-mouth transfer can be assumed for adult users – hand washing is normal before eating, smoking etc.
<b>Volume swallowed (cm<sup>3</sup>)</b>	Not applicable
<b>Rationale</b>	Not applicable
<b>Oral transfer Factor</b>	Not applicable
<b>Rationale</b>	Not applicable

## **CEPE Specific Consumer Exposure Determinants (“SCEDs”)**

**Products/activities covered by the SCED:**

Spray paint – indoor application by aerosol can (speciality uses e.g. radiator paint).

**Applicability of the SCED (depending on substances properties):**

All substances used in consumer spray paints marketed for the above purpose.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>9</sup> and [ESCOM phrase Code]<sup>10</sup></b>
<b>SCED characteristics</b>	
<b>Name of the SCEDs</b>	Interior spray paints – aerosol
<b>PC/AC descriptor</b>	PC9a
<b>SCED code</b>	CEPE_SCED_9a_05_v1
<b>Code of other related SCED</b>	n.a.
<b>Author</b>	CEPE
<b>Source of SCED</b>	<a href="http://www.cepe.org">www.cepe.org</a>
<b>Physical form of the products</b>	Aerosol can
<b>User characteristics</b>	
<b>Adult/child assumed</b>	Product used by adult (defaults based upon adult exposure factors)
<b>Common Determinants</b>	
<b>Concentration of substance in mixture (g/g)</b>	0.5 (solvent/carrier) 0.3 (other substances)
<b>Explanations</b>	CEPE suggested defaults, to be used only in absence of more specific information about substance concentration in product.
<b>Frequency of use over a day (event/day)</b>	Once per day
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Frequency of use over a year (days/year)</b>	5
<b>Rationale</b>	CEPE consumer painting survey 2015; 90 <sup>th</sup> percentile for relevant job type. ECHA Guidance on Information Requirements and Chemical Safety Assessment Chapter R.15: Consumer Exposure Assessment defines infrequent use as <15 days per year.
<b>Dermal Specific Determinants</b>	
<b>Exposure via dermal route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Skin Contact Area</b>	Inside of 2 hands/ palm of 2 hands / One hand
<b>Rationale</b>	Unchanged from ECETOC TRA default value

<sup>9</sup> Blue text denotes refinements beyond the capabilities of TRA v.3.1. These data can be used in higher tier tools.

<sup>10</sup> Relevant ESCOM phrases to be communicated are identified by the corresponding code for each applicable field of the factsheet. They are provided under bracket.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>9</sup> and [ESCOM phrase Code]<sup>10</sup></b>
<b>Dermal transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Inhalation Specific Determinants</b>	
<b>Exposure via inhalation route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Spray application?</b>	Yes
<b>Amount of Product used per application (g/event)</b>	300g
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Exposure Time per event (h)</b>	0.33
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Inhalation transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Place of use</b>	Indoor
<b>Oral Specific Determinants</b>	
<b>Exposure via oral route</b>	Oral exposure not foreseen
<b>Rationale</b>	Negligible hand-to-mouth transfer can be assumed for adult users – hand washing is normal before eating, smoking etc.
<b>Volume swallowed (cm<sup>3</sup>)</b>	Not applicable
<b>Rationale</b>	Not applicable
<b>Oral transfer Factor</b>	Not applicable
<b>Rationale</b>	Not applicable

## **CEPE Specific Consumer Exposure Determinants (“SCEDs”)**

### **Products/activities covered by the SCED:**

Spray paint – outdoor application by aerosol can (speciality uses e.g. metal objects).

### **Applicability of the SCED (depending on substances properties):**

All substances used in consumer spray paints marketed for the above purpose.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>11</sup> and [ESCOM phrase Code]<sup>12</sup></b>
<b>SCED characteristics</b>	
<b>Name of the SCEDs</b>	Exterior spray paints – aerosol
<b>PC/AC descriptor</b>	PC9a
<b>SCED code</b>	CEPE_SCED_9a_06_v1
<b>Code of other related SCED</b>	n.a.
<b>Author</b>	CEPE
<b>Source of SCED</b>	<a href="http://www.cepe.org">www.cepe.org</a>
<b>Physical form of the products</b>	Aerosol can
<b>User characteristics</b>	
<b>Adult/child assumed</b>	Product used by adult (defaults based upon adult exposure factors)
<b>Common Determinants</b>	
<b>Concentration of substance in mixture (g/g)</b>	0.5 (solvent/carrier) 0.3 (other substances)
<b>Explanations</b>	CEPE suggested defaults, to be used only in absence of more specific information about substance concentration in product.
<b>Frequency of use over a day (event/day)</b>	Once per day
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Frequency of use over a year (days/year)</b>	8
<b>Rationale</b>	CEPE consumer painting survey 2015; 90 <sup>th</sup> percentile for relevant job type. ECHA Guidance on Information Requirements and Chemical Safety Assessment Chapter R.15: Consumer Exposure Assessment defines infrequent use as <15 days per year.
<b>Dermal Specific Determinants</b>	
<b>Exposure via dermal route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Skin Contact Area</b>	Inside of 2 hands/ palm of 2 hands / One hand
<b>Rationale</b>	Unchanged from ECETOC TRA default value

<sup>11</sup> Blue text denotes refinements beyond the capabilities of TRA v.3.1. These data can be used in higher tier tools.

<sup>12</sup> Relevant ESCOM phrases to be communicated are identified by the corresponding code for each applicable field of the factsheet. They are provided under bracket.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>11</sup> and [ESCOM phrase Code]<sup>12</sup></b>
<b>Dermal transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Inhalation Specific Determinants</b>	
<b>Exposure via inhalation route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Spray application?</b>	Yes
<b>Amount of Product used per application (g/event)</b>	300g
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Exposure Time per event (h)</b>	0.33
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Inhalation transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Place of use</b>	Outdoor
<b>Oral Specific Determinants</b>	
<b>Exposure via oral route</b>	Oral exposure not foreseen
<b>Rationale</b>	Negligible hand-to-mouth transfer can be assumed for adult users – hand washing is normal before eating, smoking etc.
<b>Volume swallowed (cm<sup>3</sup>)</b>	Not applicable
<b>Rationale</b>	Not applicable
<b>Oral transfer Factor</b>	Not applicable
<b>Rationale</b>	Not applicable

## **CEPE Specific Consumer Exposure Determinants (“SCEDs”)**

**Products/activities covered by the SCED:**

Removers (paint-, glue-, wallpaper-, sealant-remover) – indoor application by roller or brush.

**Applicability of the SCED (depending on substances properties):**

All substances used in/as removers marketed for consumer use as described above.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>13</sup> and [ESCOM phrase Code]<sup>14</sup></b>
<b>SCED characteristics</b>	
<b>Name of the SCEDs</b>	Interior removers – roller/brush
<b>PC/AC descriptor</b>	PC9a
<b>SCED code</b>	CEPE_SCED_9a_07_v1
<b>Code of other related SCED</b>	n.a.
<b>Author</b>	CEPE
<b>Source of SCED</b>	<a href="http://www.cepe.org">www.cepe.org</a>
<b>Physical form of the products</b>	Liquids
<b>User characteristics</b>	
<b>Adult/child assumed</b>	Product used by adult (defaults based upon adult exposure factors)
<b>Common Determinants</b>	
<b>Concentration of substance in mixture (g/g)</b>	0.9
<b>Explanations</b>	Unchanged from ECETOC TRA default value
<b>Frequency of use over a day (event/day)</b>	Once per day
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Frequency of use over a year (days/year)</b>	7
<b>Rationale</b>	CEPE consumer painting survey 2015; 90 <sup>th</sup> percentile for relevant job type. ECHA Guidance on Information Requirements and Chemical Safety Assessment Chapter R.15: Consumer Exposure Assessment defines infrequent use as <15 days per year.
<b>Dermal Specific Determinants</b>	
<b>Exposure via dermal route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Skin Contact Area</b>	Inside of 2 hands/ palm of 2 hands / One hand
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Dermal transfer factor</b>	1

<sup>13</sup> Blue text denotes refinements beyond the capabilities of TRA v.3.1. These data can be used in higher tier tools.

<sup>14</sup> Relevant ESCOM phrases to be communicated are identified by the corresponding code for each applicable field of the factsheet. They are provided under bracket.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>13</sup> and [ESCOM phrase Code]<sup>14</sup></b>
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Inhalation Specific Determinants</b>	
<b>Exposure via inhalation route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Spray application?</b>	No
<b>Amount of Product used per application (g/event)</b>	2000g
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Exposure Time per event (h)</b>	8
<b>Rationale</b>	CEPE consumer painting survey 2015 (90 <sup>th</sup> percentile); includes exposure time whilst not actually applying
<b>Inhalation transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Place of use</b>	Indoor
<b>Oral Specific Determinants</b>	
<b>Exposure via oral route</b>	Oral exposure not foreseen
<b>Rationale</b>	Negligible hand-to-mouth transfer can be assumed for adult users – hand washing is normal before eating, smoking etc.
<b>Volume swallowed (cm<sup>3</sup>)</b>	Not applicable
<b>Rationale</b>	Not applicable
<b>Oral transfer Factor</b>	Not applicable
<b>Rationale</b>	Not applicable

## **CEPE Specific Consumer Exposure Determinants (“SCEDs”)**

**Products/activities covered by the SCED:**

Removers (paint-, glue-, wallpaper-, sealant-remover) – outdoor application by roller or brush.

**Applicability of the SCED (depending on substances properties):**

All substances used in/as removers marketed for consumer use as described above.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>15</sup> and [ESCOM phrase Code]<sup>16</sup></b>
<b>SCED characteristics</b>	
<b>Name of the SCEDs</b>	Exterior removers – roller/brush
<b>PC/AC descriptor</b>	PC9a
<b>SCED code</b>	CEPE_SCED_9a_08_v1
<b>Code of other related SCED</b>	n.a.
<b>Author</b>	CEPE
<b>Source of SCED</b>	<a href="http://www.cepe.org">www.cepe.org</a>
<b>Physical form of the products</b>	Liquids
<b>User characteristics</b>	
<b>Adult/child assumed</b>	Product used by adult (defaults based upon adult exposure factors)
<b>Common Determinants</b>	
<b>Concentration of substance in mixture (g/g)</b>	0.9
<b>Explanations</b>	Unchanged from ECETOC TRA default value
<b>Frequency of use over a day (event/day)</b>	Once per day
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Frequency of use over a year (days/year)</b>	8
<b>Rationale</b>	CEPE consumer painting survey 2015; 90 <sup>th</sup> percentile for relevant job type. ECHA Guidance on Information Requirements and Chemical Safety Assessment Chapter R.15: Consumer Exposure Assessment defines infrequent use as <15 days per year.
<b>Dermal Specific Determinants</b>	
<b>Exposure via dermal route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Skin Contact Area</b>	Inside of 2 hands/ palm of 2 hands / One hand
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Dermal transfer factor</b>	1

<sup>15</sup> Blue text denotes refinements beyond the capabilities of TRA v.3.1. These data can be used in higher tier tools.

<sup>16</sup> Relevant ESCOM phrases to be communicated are identified by the corresponding code for each applicable field of the factsheet. They are provided under bracket.



<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>15</sup> and [ESCOM phrase Code]<sup>16</sup></b>
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Inhalation Specific Determinants</b>	
<b>Exposure via inhalation route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Spray application?</b>	No
<b>Amount of Product used per application (g/event)</b>	2000g
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Exposure Time per event (h)</b>	8
<b>Rationale</b>	CEPE consumer painting survey 2015 (90 <sup>th</sup> percentile); includes exposure time whilst not actually applying
<b>Inhalation transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Place of use</b>	Outdoor
<b>Oral Specific Determinants</b>	
<b>Exposure via oral route</b>	Oral exposure not foreseen
<b>Rationale</b>	Negligible hand-to-mouth transfer can be assumed for adult users – hand washing is normal before eating, smoking etc.
<b>Volume swallowed (cm<sup>3</sup>)</b>	Not applicable
<b>Rationale</b>	Not applicable
<b>Oral transfer Factor</b>	Not applicable
<b>Rationale</b>	Not applicable

## **CEPE Specific Consumer Exposure Determinants (“SCEDs”)**

**Products/activities covered by the SCED:**

Fillers and putties – indoor application (wall and wood repairs).

**Applicability of the SCED (depending on substances properties):**

All substances used in consumer filling products marketed for the above purpose.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>17</sup> and [ESCOM phrase Code]<sup>18</sup></b>
<b>SCED characteristics</b>	
<b>Name of the SCEDs</b>	Fillers and putties
<b>PC/AC descriptor</b>	PC9b
<b>SCED code</b>	CEPE_SCED_9b_09_v1.1
<b>Code of other related SCED</b>	n.a.
<b>Author</b>	CEPE
<b>Source of SCED</b>	<a href="http://www.cepe.org">www.cepe.org</a>
<b>Physical form of the products</b>	Powder/paste
<b>User characteristics</b>	
<b>Adult/child assumed</b>	Product used by adult (defaults based upon adult exposure factors)
<b>Common Determinants</b>	
<b>Concentration of substance in mixture (g/g)</b>	0.9
<b>Explanations</b>	CEPE suggested default, to be used only in absence of more specific information about substance concentration in product.
<b>Frequency of use over a day (event/day)</b>	Once per day
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Frequency of use over a year (days/year)</b>	7
<b>Rationale</b>	CEPE consumer painting survey 2015; 90 <sup>th</sup> percentile for relevant job type. ECHA Guidance on Information Requirements and Chemical Safety Assessment Chapter R.15: Consumer Exposure Assessment defines infrequent use as <15 days per year.
<b>Dermal Specific Determinants</b>	
<b>Exposure via dermal route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Skin Contact Area</b>	Inside of 2 hands/ palm of 2 hands / One hand
<b>Rationale</b>	Unchanged from ECETOC TRA default value

<sup>17</sup> Blue text denotes refinements beyond the capabilities of TRA v.3.1. These data can be used in higher tier tools.

<sup>18</sup> Relevant ESCOM phrases to be communicated are identified by the corresponding code for each applicable field of the factsheet. They are provided under bracket.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>17</sup> and [ESCOM phrase Code]<sup>18</sup></b>
<b>Dermal transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Inhalation Specific Determinants</b>	
<b>Exposure via inhalation route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Spray application?</b>	No
<b>Amount of Product used per application (g/event)</b>	2000g
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Exposure Time per event (h)</b>	4
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Inhalation transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Place of use</b>	Indoor
<b>Oral Specific Determinants</b>	
<b>Exposure via oral route</b>	Oral exposure not foreseen
<b>Rationale</b>	Negligible hand-to-mouth transfer can be assumed for adult users – hand washing is normal before eating, smoking etc.
<b>Volume swallowed (cm<sup>3</sup>)</b>	Not applicable
<b>Rationale</b>	Not applicable
<b>Oral transfer Factor</b>	Not applicable
<b>Rationale</b>	Not applicable

## **CEPE Specific Consumer Exposure Determinants (“SCEDs”)**

**Products/activities covered by the SCED:**

Plasters and floor equalisers – indoor application.

**Applicability of the SCED (depending on substances properties):**

All substances used in consumer products marketed for the above purpose.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>19</sup> and [ESCOM phrase Code]<sup>20</sup></b>
<b>SCED characteristics</b>	
<b>Name of the SCEDs</b>	Plasters and floor equalisers
<b>PC/AC descriptor</b>	PC9b
<b>SCED code</b>	CEPE_SCED_9b_10_v1.1
<b>Code of other related SCED</b>	n.a.
<b>Author</b>	CEPE
<b>Source of SCED</b>	<a href="http://www.cepe.org">www.cepe.org</a>
<b>Physical form of the products</b>	Powder/paste
<b>User characteristics</b>	
<b>Adult/child assumed</b>	Product used by adult (defaults based upon adult exposure factors)
<b>Common Determinants</b>	
<b>Concentration of substance in mixture (g/g)</b>	0.9
<b>Explanations</b>	CEPE suggested default, to be used only in absence of more specific information about substance concentration in product.
<b>Frequency of use over a day (event/day)</b>	Once per day
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Frequency of use over a year (days/year)</b>	5
<b>Rationale</b>	CEPE consumer painting survey 2015; 90 <sup>th</sup> percentile for relevant job type. ECHA Guidance on Information Requirements and Chemical Safety Assessment Chapter R.15: Consumer Exposure Assessment defines infrequent use as <15 days per year.
<b>Dermal Specific Determinants</b>	
<b>Exposure via dermal route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Skin Contact Area</b>	Inside of 2 hands/ palm of 2 hands / One hand
<b>Rationale</b>	Unchanged from ECETOC TRA default value

<sup>19</sup> Blue text denotes refinements beyond the capabilities of TRA v.3.1. These data can be used in higher tier tools.

<sup>20</sup> Relevant ESCOM phrases to be communicated are identified by the corresponding code for each applicable field of the factsheet. They are provided under bracket.

<b>Exposure Determinants or Descriptors</b>	<b>Value<sup>19</sup> and [ESCOM phrase Code]<sup>20</sup></b>
<b>Dermal transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Inhalation Specific Determinants</b>	
<b>Exposure via inhalation route</b>	Yes
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Spray application?</b>	No
<b>Amount of Product used per application (g/event)</b>	25000g
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Exposure Time per event (h)</b>	4
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Inhalation transfer factor</b>	1
<b>Rationale</b>	Unchanged from ECETOC TRA default value
<b>Place of use</b>	Indoor
<b>Oral Specific Determinants</b>	
<b>Exposure via oral route</b>	Oral exposure not foreseen
<b>Rationale</b>	Negligible hand-to-mouth transfer can be assumed for adult users – hand washing is normal before eating, smoking etc.
<b>Volume swallowed (cm<sup>3</sup>)</b>	Not applicable
<b>Rationale</b>	Not applicable
<b>Oral transfer Factor</b>	Not applicable
<b>Rationale</b>	Not applicable