



# Safety Data Sheet

## Toucan C401 Production Clear (2.1 VOC)

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

#### 1.1. Product Identifier

Toucan C401 Production Clear (2.1 VOC)  
Contains: Methyl acetate, Butyl acetate, 2-Heptanone, 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene

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

Two component clear coat for car bodies.

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

COMPANY IDENTITY: Logicar Inc.  
COMPANY ADDRESS: 1361 NW 155<sup>th</sup> DR  
COMPANY CITY: Miami, FL 33169  
COMPANY PHONE: 305-685-8044

#### 1.4. Emergency telephone number

CHEMTREC: +1(703)527-3887

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

The product was classified as dangerous according to Regulation 1272/2008/EC  
Classification:  
Flam. Liq. 2 H225  
Skin Irrit. 2 H315  
Eye Irrit. 2, H319  
STOT SE 3 H335  
STOT SE 3 H336  
Aquatic Chronic 3 H412

#### 2.2. Label elements

Hazard statements:  
H225 Highly flammable liquid and vapour  
H315 Causes skin irritation  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation  
H336 May cause drowsiness or dizziness.  
H412 Harmful to aquatic life with long lasting effects  
EUH066 Repeated exposure may cause skin dryness or cracking



# Safety Data Sheet

## Toucan C401 Production Clear (2.1 VOC)

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260 Do not breathe vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing..

P501 Dispose of contents/container to an authorized waste collection point.

2.3 Other hazards – no available

VOC < 2.1 lbs/gal

### Section 3: Composition/information on ingredients

#### 3.2. Mixtures

Index number	Chemical Name	WE Number	CAS Number	Classification of substance according to CLP	Mark of substance	Weight	Registration Number
-	4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene	202-681-1	98-56-6	Flam. Liq. 3 H226 Eye Irrit. 2 H319 STOT SE 3 H335 Skin Irrit. 2 H315 Aquatic Chronic 3 H412	GHS02 GHS07 H226, H315, H319, H335, H412	30 – 40%	01- 2119857280- 40-XXXX
607-021-00-X	Methyl acetate	203-933-3	79-20-9	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07 Dgr H225, H319, H336, EUH066	15 – 25%	01- 2119459211- 47-XXXX
607-025-00-1	Butyl acetate	204-658-1	123-86-4	Flam. Liq. 3 H226 STOT SE 3 H336	GHS02 GHS07 Wng H226, H336, EUH066	5 – 15%	01- 2119485493- 29-XXXX

### Section 4: First aid measures

#### 4.1. Description of first aid measures

General information:

See 11 point SDS

Inhalation:

Move to fresh air, ensure quiet and warmth, and seek medical advice.

Eyes contact:

Do not close the eye, rinse with plenty of water (protect) healthy eye, remove contact lenses, seek medical advice.

Skin contact:

Immediately remove all contaminated clothing, wash with plenty of water with soap, and seek medical advice.



# Safety Data Sheet

## Toucan C401 Production Clear (2.1 VOC)

Ingestion: Wash out mouth thoroughly with water. Do not induce the vomiting.

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

Seek medical advice.

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

Seek medical advice.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: Water, vaporised water, foam, CO<sub>2</sub>.  
Unsuitable extinguishing media: Tight stream of water.

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

Under the influence of high temperature may produce CO, CO<sub>2</sub> vapours.

### 5.3. Advice for fire-fighters

Firemen have to wear self-contained breathing apparatus and protective clothing. Cool adjacent tanks by spraying water from a safe distance.

## Section 6: Accidental release measures

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

For non-emergency personnel: Remove ignition sources. Provide for sufficient ventilation. Avoid direct contact with releasing substance (vapours). Avoid contact with eyes and skin. Get acquainted with safety conditions (see point 7 and 8 SDS).  
For emergency responders:

### 6.2. Environmental precautions

Keep away from drains, surface-water, ground-water and soil.

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



# Safety Data Sheet

## Toucan C401 Production Clear (2.1 VOC)

Poured substance should be absorbed with non-flammable materials: sand, silica, special granulated products. Keep to a minimum efflux area. Collect discards, store according to regulations (see point 13 SDS).

### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

Keep away from heat; keep away from sources of ignition – do not smoke, do not eat, do not drink, do not breathe vapor, avoid contact with skin and eyes. Do not empty under pressure. Use only original tanks.

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

Normal precautions taken when handling flammable substances. Store in hermetically closed containers in temp. 5-25°C. Place of storage should be dry. Protect from heat. Do not store near to sources of ignition.

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

Two component clear coat for car bodies.

### Section 8: Exposure controls/personal protection

#### 8.1. Control parameters

Limit values for Butyl acetate:

TLV: 150 ppm as TWA 200 ppm as STEL (ACGIH 2003).  
MAK: 100 ppm 480 mg/m<sup>3</sup>

Limit values for Butyl acetate:

TLV: 150 ppm as TWA 200 ppm as STEL (ACGIH 2003).  
MAK: 100 ppm 480 mg/m<sup>3</sup>

#### 8.2. Exposure controls

Respiratory protection:	Gas mask with "A" type absorbing canister.
Hands protection:	Protective gloves for handling solvents (nitrile rubber).
Eyes protection:	Protective glasses.
Skin protection:	Suitable protective clothing.
Workplace:	Topical stays and exhausting ventilation.

### Section 9: Physical and chemical properties

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

**Physical state:**  
liquid

**Auto ignition point:**  
no data



# Safety Data Sheet

## Toucan C401 Production Clear (2.1 VOC)

**Colour:**

colourless

**Odour:**

typical mixture of solvents

**pH:**

no data

**Boiling point:**

> 56°C

**Melting point:**

no data

**Flash point:**

< 0°C

**VOC Actual:**

155 g/l, 1.29 lbs/gal

**Vapour pressure:**

no data

**Explosion limits:**

no data

**Density:**

1,1135 g/cm<sup>3</sup>

**Water solubility:**

very poor

**Octanol/Water partition coeff:**

no data

**Viscosity:**

14±2" Ford Cup DIN 4

**VOC Regulatory:**

361 g/l, 3.01 lbs/gal

### Section 10: Stability and reactivity

#### 10.1. Reactivity

No data.

#### 10.2. Chemical stability

If handled according to the section 7 product is stable.

#### 10.3. Possibility of hazardous reactions

No data.

#### 10.4. Conditions to avoid

Strong acids and basis, high temperature, fire.

#### 10.5. Incompatible materials

No data.

#### 10.6. Hazardous decomposition products

Incomplete combustion will produce CO, CO<sub>2</sub> and toxic gases.

### Section 11: Toxicological information

#### 11.1. Information on toxicological effects



# Safety Data Sheet

## Toucan C401 Production Clear (2.1 VOC)

There are no data on the toxicity of this product.

Toxicity for Butyl acetate:	LD50 (rat, oral) – 6400 mg/kg LC50 (rat, inhalation) – 9,6 mg/l (4h) LD50 (rabbit, skin) – >5000 mg/kg
Toxicity for 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene	LD50 (rat, oral) – 6400 mg/kg LC50 (rat, inhalation) – 9,6 mg/l (4h) LD50 (rabbit, skin) – >5000 mg/kg
Toxicity for Methyl acetate:	LD50 (rat, oral) – 5000 mg/kg LD50 (rat, skin) – 2000 mg/kg LC50 (rat, inhalation) > 49mg/l (4h)
Irritating effect:	Skin: irritating and dryness Eyes: irritating

### Symptoms / routes of exposure

Headaches, discomfort, tiredness, sleepiness, vomiting or may narcotize, muscle failure, partial or total loss of consciousness.

### Section 12: Ecological information

#### 12.1. Toxicity

Butyl acetate acute toxicity for:	(LC50/96 h) fish – 18 mg/l (EC50//48h) crustacea – 32 mg/l
4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene acute toxicity for:	(LC50/96 h) fish – 15,9 – 22,9 mg/l (EC50//48h) crustacea – 3,68 mg/l
Methyl acetate acute toxicity for:	(LC50/96 h) fish – 320 mg/l (EC50//48h) crustacea – 1026,7 mg/l

The product is very poorly soluble in water. Do not allow to enter the sewage system, soil, or water reservoirs – inform the local authorities.

### Section 13: Disposal considerations

#### 13.1. Waste treatment methods

Recommendation:	Product must be disposed of by special means in accordance with local regulations.
-----------------	--



# Safety Data Sheet

## Toucan C401 Production Clear (2.1 VOC)

Remains of product:

Remains of product in the tin should be carefully remove and harden using suitable hardener 4:1 TOUCAN H416, H417, H418. Harden product is not harmfully substance and could be treat like wastes in accordance with regulation.

Code of waste: 08 01 11\*

Do not spill into drainage systems. Waste of this product must be burned in special installations for this purpose or dispose for authorized waste receiver.

Clean tin:

Tin carefully clean is not harmful waste.

Code of waste : 15 01 04

Spent packages dispose for authorized receiver who has adequate permission for waste management.

Tin partly empty:

See remains of products. Packs of an article containing residues of hazardous substances or contaminated by a hazardous waste code 15 01 10\*

### Section 14: Transport information

#### 14.1. UN number

1263

#### 14.2. UN proper shipping name

PAINT RELATED MATERIAL

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

3

#### 14.4. Packing group

II

#### 14.5. Environmental hazards

No applicable.

#### 14.6. Special precautions for user

Land transport: ADR/RID:

Classification code: F1

Tunnels: D1E

Sea transport IMDG: EmS: F-E, S-E



# Safety Data Sheet

## Toucan C401 Production Clear (2.1 VOC)

### Section 15: Regulatory information

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

67/548/EWG (2006/121/WE)

91/155/EWG (2001/58/WE)

1999/45/EC (2006/8/WE)

1991/322/EWG

2000/39/WE

2006/15/WE

2006/1907/WE (REACH)

2004/42/WE

2008/1272/WE (CLP)

Other regulations: ADR (2007-2009), IMDG Code 2006 Edition.

15.2 Chemical safety assessment – no chemical safety assessment has been carried out.

### Section 16: Other information

#### Other information

Full text of phrases from 3 point SDS according to CLP

H225 Highly flammable liquid and vapour

H226 Flammable liquid and vapour

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

H336 May cause drowsiness or dizziness

H412 Harmful to aquatic life with long lasting effects

EUH066 Repeated exposure may cause skin dryness or cracking

Flam. Liq. 2 Flammable liquid category 2

Flam. Liq. 3 Flammable liquid category 3

STOT SE 3 Specific target organ toxicity – single exposure category 3

Eye Irrit. 2 Eye irritation category 2

Skin Irrit. 2 Skin irritation category 2

Aquatic Chronic 3 Hazardous to the aquatic environment category 3

The data contained in this Safety Data Sheet are based on our available knowledge at the last revision date. The data contained in this Safety Data Sheet give the conditions of safe use and storage of the product; this document does not give any guarantee as to the properties of the product.

All persons whose work is related to the mixture should receive a proper training in safety, hygiene and legal requirements related to a mixture in compliance with their responsibilities.

**Revision Date:** 05/29/2019

**Revision Number:** 2