



Safety Data Sheet

C201 HS EURO CLEAR LV

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

1.1. Product Identifier

C201 HS EURO CLEAR LV
Contains: 4-chloro- α,α,α -trifluorotoluene, Methyl acetate, Butyl acetate

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

Two component clear coat with low VOC content for car bodies.
No data.

1.3. Details of the supplier of the safety data sheet

COMPANY IDENTITY: Logicar Inc.
COMPANY ADDRESS: 1361 NW 155th 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

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



Signal Word..... DANGER.



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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

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

3.1. Mixtures

Index number	Chemical Name	WE Number	CAS Number	Classification of substance according to CLP	Mark of substance	Weight	Registration Number
-	4-chloro- α,α,α -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



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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, 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, seek medical advice.
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 ₂ .
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, CO₂ 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:



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For non-emergency personnel:
For emergency responders:

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).

6.2 Environmental precautions:

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

6.3. Methods and material for containment and cleaning up

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

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

7.2. Conditions for safe storage, including any incompatibilities

Storage needs..... 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.

Specific end use(s):

Two component clear coat with low VOC content 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/m³

8.2. Exposure controls

Protective equipment
Respiratory protection:
Hands protection:
Eyes protection:

Gas mask with "A" type absorbing canister.
Protective gloves for handling solvents (nitrile rubber).
Protective glasses.



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Skin protection:
Workplace:

Suitable protective clothing.
Topical stays and exhausting ventilation.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:

liquid

Colour:

colourless

Odour:

typical mixture of solvents

pH:

no data

Boiling point:

> 56°C

Melting point:

no data

Flash point:

< 0°C

VOC Actual:

219 g/l, 183 lbs/gal

Autoignition point:

no data

Vapour pressure:

no data

Explosion limits:

no data

Density:

1,1135 g/cm³

Water solubility:

very poor

Octanol/Water partition coeff:

no data

Viscosity:

14±2" Ford Cup DIN 4

VOC Regulatory:

317 g/l, 3.09 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.

10.4. 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, CO₂ and toxic gases.



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Section 11: Toxicological information

11.1. Information on toxicological effects

There are no data on the toxicity of this product.

Toxicity for Butyl acetate:	LD ₅₀ (rat, oral) – 6400 mg/kg LC ₅₀ (rat, inhalation) – 9,6 mg/l (4h)
Toxicity for 4-chloro- α,α,α -trifluorotoluene	LD ₅₀ (rabbit, skin) – >5000 mg/kg LD ₅₀ (rat, oral) – 6400 mg/kg LC ₅₀ (rat, inhalation) – 9,6 mg/l (4h)
Toxicity for Methyl acetate:	LD ₅₀ (rabbit, skin) – >5000 mg/kg LD ₅₀ (rat, oral) – 5000 mg/kg LD ₅₀ (rat, skin) – 2000 mg/kg LC ₅₀ (rat, inhalation) > 49mg/l (4h)
Irritating effect:	Skin: irritating and dryness Eyes: irritating
Symptoms of poisoning:	Headaches, discomfort, tiredness, sleepiness, vomiting or may narcotise, muscle failure, partial or total loss of consciousness.

Section 12: Ecological information

There are no data on the ecotoxicity of this product.

12.1. Toxicity

12.1 Toxicity:	(LC ₅₀ /96 h) fish – 18 mg/l
Butyl acetate acute toxicity for:	(EC ₅₀ /48h) crustacea – 32 mg/l
4-chloro- α,α,α -trifluorotoluene acute toxicity for:	(LC ₅₀ /96 h) fish – 15,9 – 22,9 mg/l (EC ₅₀ /48h) crustacea – 3,68 mg/l
Methyl acetate acute toxicity for:	(LC ₅₀ /96 h) fish – 320 mg/l (EC ₅₀ /48h) crustacea – 1026,7 mg/l
12.2 Persistence and degradability:	No data available
12.3 Bioaccumulative potential:	No data available
12.4 Mobility in soil:	No data available
12.5 Results of PBT assessment:	No data available
12.6 Other adverse effects:	No data available

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



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Recommendation:	Product must be disposed of by special means in accordance with local regulations.
Remains of product:	Remains of product in the tin should be carefully remove and harden using suitable hardener 4:1 34-65, 34-75, 34-85. 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

UN 1263

14.2. UN proper shipping name

PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

Class 3

14.4. Packing group

PG II

14.5. Environmental Hazards

Not applicable

14.6. Special precautions for user

Land transport: ADR/RID:
Classification code: F1
Tunnels: D1E
Sea transport IMDG: EmS: F-E, S-E



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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.

Section 16: Other information

Other information

H225 Highly flammable liquid and vapour
H226 Flammable liquid and vapour
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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.

Revision information: Sections 1

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