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

· 1.1 Product identifier

· Trade name: **Instant**

· 1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

· Application of the substance / the mixture Adhesives

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

· Further information obtainable from:
· 1.4 Emergency telephone number:

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**

GHS07

· **Signal word:** Warning

· Hazard-determining components of labelling: ethyl 2-cyanoacrylate

· Hazard statements
H315 Causes skin irritation.

H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

· **Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and
easy to do. Continue rinsing.
P321 Specific treatment (see on this sds).
P362 Take off contaminated clothing and wash before reuse.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P332+P313 If skin irritation / sensitisation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.

P403+P235 Store in a well-ventilated place. Keep cool.

P402+P404 Store in a dry place. Store in a closed container.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:**

Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** No data available

· **vPvB:** No data available

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures of substances listed below with non-hazardous additions.

Classification of the ingredients according to (EC) No. 1272/2008 (CLP):

Hazardous Component	Product Identifier	Weight %	Classification
Ethyl-2-Cyanoacrylate	CAS No: 7085-85-0 EINECS 230-391-5	50-100%	Skin irrit. 2, H315 Eye irrit. 2, H319 STOT SE 3, H335
Trimethylolpropane triacrylate	CAS No: 15625-89-5 EINECS 239-701-3	<0.9%	Skin irrit. 2, H315 Skin sens. 1 H317 Eye irrit. 2, H319
Butrylated Hydroxyanisole	CAS No: 25013-16-5 EINECS 246-563-8	<0.1%	Aqua chron. 2, H411
Carbon Black	CAS No: 1333-86-4	0.1-1%	

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· After inhalation: Supply fresh air; consult doctor in case of complaints.

· After skin contact: Immediately wash with water and soap and rinse thoroughly.

· After eye contact: Rinse opened eye for several minutes under running water.
Then consult a doctor.

Ingestion: consult a doctor immediately

· 4.2 Most important symptoms and effects, both acute and delayed
Breathing difficulty. Irritation/cough. Eye: Irritation. Skin: Redness

· 4.3 Indication of any immediate medical attention and special treatment needed. No information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents:
Carbon dioxide, sand.
Not to be used: Water
· For safety reasons unsuitable extinguishing agents: Water with full jet

· 5.2 Special hazards arising from the substance or mixture Carbon oxides Nitrogen oxide, Organic vapour
· 5.3 Advice for firefighters

· Protective equipment: Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation

· 6.2 Environmental precautions: Do not allow product to reach sewage system or any water course.

· 6.3 Methods and material for containment and cleaning up:
Allow to solidify. Pick up mechanically.
Ensure adequate ventilation.

· 6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Store in cool, dry place in tightly closed receptacles. Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.

· Information about fire - and explosion protection: No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles:
Store in a cool location.
Store only in the original receptacle.

· Information about storage in one common storage facility: Store away from oxidising agents.

· Further information about storage conditions: Keep container tightly sealed.

· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· Additional information about design of technical facilities: No further data; see item 7.

· 8.1 Control parameters

Ingredient	ppm	Mg/m3	Type	Remark
Ethyl-2-cyanoacrylate	0.2	1.0	TLV	ACGIH

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Avoid contact with the eyes and skin.

· **Respiratory protection:**
Not necessary if room is well-ventilated.
Use suitable respiratory protective device in case of insufficient ventilation.

· **Protection of hands:**

Protective gloves

Impervious gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Not suitable are gloves made of the following materials:** Rubber gloves
PVC gloves

· **Eye protection:** Safety glasses

Tightly sealed goggles

· **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Liquid
Colour: Black
Odour: Characteristic

Form:	Liquid
Colour:	Black
Odour:	Irritating
Boiling Point:	N.A.
Flash Point:	No Data Available
Auto-Ignition Temperature:	N.A.
Water Solubility:	Polymerised
Explosive Limits:	Lower: N.A. Higher: N.A.
Vapour Pressure: Density:	No Data Available No Data Available

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· 10.3 Possibility of hazardous reactions
Exothermic polymerisation.
Reacts with alcohols.
Reacts with alcohols, amines, aqueous acids and alkalis. Reacts with water and acids.
Reacts with amines.
Reacts with water.
Reacts with alkali (lyes).

· 10.4 Conditions to avoid No further relevant information available.

· **10.5 Incompatible materials:** No further relevant information available.

· **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

· Acute toxicity:

Ethyl cyanoacrylate: LD50 Oral at >5000mg/Kg (CICAD (2001))
Ethyl cyanoacrylate: LD50 Dermal >2000mg/Kg (CICAD (2001))
Trimethylolpropane triacrylate: LD50 Oral >5000mg/Kg
Butylated hydroxyanisole: LD50 Oral 2,200 - 5,000 mg/kg

· Primary irritant effect:

· on the skin: Irritant to skin and mucous membranes.

· on the eye: Irritating effect.

· Sensitisation: Sensitisation possible through skin contact.

· Additional toxicological information:

The product shows the following dangers:
Irritant / May cause an allergic skin reaction / Skin Sens.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity: Trimethylolpropane triacrylate: LC50 (fish) – 1.47mg/l – 96h
Butylated hydroxyanisole: LC50-Fish-5.8 mg/l-96 h

· 12.2 Persistence and degradability No further relevant information available.

· 12.3 Bioaccumulative potential No further relevant information available.

· 12.4 Mobility in soil No further relevant information available.

· Additional ecological information:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· 12.5 Results of PBT and vPvB assessment

· PBT: No data available

· vPvB: No data available

· 12.6 Other adverse effects No data available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

· 14.1 UN-Number

Void

· ADR, ADN, IMDG, IATA

· 14.2 UN proper shipping name Void

· ADR, ADN, IMDG, IATA

· 14.3 Transport hazard class(es)
Void
· ADR, ADN, IMDG, IATA

· Class

· 14.4 Packing group
Void
· ADR, IMDG, IATA

· 14.5 Environmental hazards:
Not Applicable
· 14.6 Special precautions for user
Not Applicable
· 14.7 Transport in bulk according to Annex II of Marpol73/78 and the IBC Code
Not Applicable
· UN "Model Regulation":

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of . It relates only to the specific material designated herein and does not relate to use in combination with any other material or process. assumes no responsibility for use or reliance upon this information.

Relevant phrases
H302 Harmful if swallowed.
H315 Causes skin irritation.

H317 May cause an allergic skin reaction. H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H341 Suspected of causing genetic defects. H351 Suspected of causing cancer.
H400 Very toxic to aquatic life.

· Abbreviations and acronyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Muta. 2: Germ cell mutagenicity, Hazard Category 2

Carc. 2: Carcinogenicity, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
Aquatic Acute 1: Hazardous to the aquatic environment – Acute Hazard, Category 1