



Safety Data Sheet

acc. to OSHA HCS

Printing date 11/10/2015

Reviewed on 11/10/2015

* 1 Identification

- Product identifier
- Trade name: **Master Flexbond Super Glue**
- Application of the substance / the mixture Cyanoacrylate Adhesive
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
Petronio Shoe Products
305 Cortlandt Street
Belleville, NJ 07109
973.751.7579
- Information department: Product safety department
- Emergency telephone number: (800) 535-5053 Infotrac

* 2 Hazard(s) identification

- Classification of the substance or mixture



Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.
Flam. Liq. 4 H227 Combustible liquid.

- Label elements
- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms



GHS07

- Signal word Warning
- Hazard-determining components of labeling:
ethyl 2-cyanoacrylate
- Hazard statements
Combustible liquid.
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
- Precautionary statements
Keep away from flames and hot surfaces. – No smoking.
Avoid breathing dust/fume/gas/mist/vapors/spray
Wear protective gloves / eye protection / face protection.
Wash thoroughly after handling.

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Use only outdoors or in a well-ventilated area.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Specific treatment (see on this label).

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/doctor if you feel unwell.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

In case of fire: Use for extinction: CO₂, powder or water spray.

IF ON SKIN: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

Store locked up.

Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

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

- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:		
7085-85-0	ethyl 2-cyanoacrylate	50-100%
123-31-9	1,4-dihydroxybenzene	<0.1%

4 First-aid measures

- 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.
- After swallowing: Call a doctor immediately.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed Breathing difficulty
- Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- For safety reasons unsuitable extinguishing agents: Water with full jet
- Special hazards arising from the substance or mixture Nitrogen oxides (NO_x)
- Advice for firefighters
- Protective equipment: Wear self-contained respiratory protective device.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation
- Environmental precautions: Do not allow product to reach sewage system or any water course.
- Methods and material for containment and cleaning up:
 - Allow to solidify. Pick up mechanically.
 - Ensure adequate ventilation.
 - Do not use cotton or natural fiber cloths for clean up
- Reference to other sections
 - See Section 7 for information on safe handling.
 - See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

7 Handling and storage

- Handling:
- 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 protection against explosions and fires: No special measures required.
- Conditions for safe storage, including any incompatibilities
- Storage:
- Requirements to be met by storerooms and receptacles:
 - Provide ventilation for receptacles.
 - Store only in unopened original receptacles.
 - Store in a cool location.
 - Store only in the original receptacle.
- Information about storage in one common storage facility: Store away from oxidizing agents.
- Further information about storage conditions:
 - Store receptacle in a well ventilated area.
 - Keep receptacle tightly sealed.
- Specific end use(s) No further relevant information available.

* 8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Control parameters

· Components with limit values that require monitoring at the workplace:
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7085-85-0 ethyl 2-cyanoacrylate

TLV Long-term value: 1 mg/m ³ , 0.2 ppm
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- Additional information: The lists that were valid during the creation were used as basis.
- Exposure controls
- Personal protective equipment:
- General protective and hygienic measures:
 - The usual precautionary measures for handling chemicals should be followed.
 - Keep away from foodstuffs, beverages and feed.
 - Immediately remove all soiled and contaminated clothing.
 - Avoid contact with the eyes and skin.
- Breathing equipment: Not necessary if room is well-ventilated.
- Protection of hands:

S 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:

Cotton or natural fibers

PVC gloves

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- Eye protection:
Safety glasses

R Tightly sealed goggles

- Body protection: Protective work clothing

* 9 Physical and chemical properties

- Information on basic physical and chemical properties
- General Information
- Appearance:

Form:	Liquid
Color:	Colorless
- Odor: Characteristic
- Odor threshold: Not determined.
- pH-value: Not determined.
- Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	> 150 °C (> 302 °F)
- Flash point: 87 °C (189 °F)
- Flammability (solid, gaseous): Not applicable.
- Ignition temperature:

Decomposition temperature:	Not determined.
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- Auto igniting: Product is not selfigniting.
- Danger of explosion: Not determined.
- Explosion limits:

Lower:	Not determined.
Upper:	Not determined.
- Vapor pressure at 20 °C (68 °F): 0.3 hPa
- Density at 20 °C (68 °F): 1.05 g/cm³ (8.762 lbs/gal)
- Relative density: Not determined.
- Vapor density: Not determined.
- Evaporation rate: Not determined.
- Solubility in / Miscibility with

Water:	Not miscible or difficult to mix.
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- Partition coefficient (n-octanol/water): Not determined.
- Viscosity:

Dynamic:	Not determined.
Kinematic:	Not determined.
- Solvent content:

Organic solvents:	0.0 %
VOC content:	0.0 g/l / 0.00 lb/gl
Solids content:	100.0 %
- Other information: No further relevant information available.

* 10 Stability and reactivity

- Reactivity: No further relevant information available.

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- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions
 - Exothermic polymerization.
 - Reacts with alcohols, amines, aqueous acids and alkalis.
 - Reacts with water and acids.
- Conditions to avoid No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
- Primary irritant effect:
 - on the skin: Irritant to skin and mucous membranes.
 - on the eye: Irritating effect.
- Additional toxicological information:
 - The product shows the following dangers according to internally approved calculation methods for preparations: Irritant
- Carcinogenic categories

· IARC (International Agency for Research on Cancer)		
9011-14-7	PMMA	3
123-31-9	1,4-dihydroxybenzene	3
· NTP (National Toxicology Program)		
None of the ingredients is listed.		
· OSHA-Ca (Occupational Safety & Health Administration)		
None of the ingredients is listed.		

12 Ecological information

- Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- Behavior in environmental systems:
- Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- Additional ecological information:
- General notes:
 - Water hazard class 1 (Self-assessment): slightly hazardous for water
 - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects No further relevant information available.

13 Disposal considerations

- Wastetreatment methods
- Recommendation:
 - Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packagings:
 - Recommendation: Disposal must be made according to official regulations.

14 Transport information

- UN-Number
 - DOT
- NA1993

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· ADN, IMDG, IATA	Void
· UN proper shipping name	
· DOT	COMBUSTIBLE LIQUID, N.O.S
· ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· DOT, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· DOT	III
· IMDG, IATA	Void
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT	
· Quantity limitations	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
· UN "Model Regulation":	Void

* 15 Regulatory information

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

· Section 355 (extremely hazardous substances):	
123-31-9	1,4-dihydroxybenzene
· Section 313 (Specific toxic chemical listings):	
123-31-9	1,4-dihydroxybenzene
· TSCA (Toxic Substances Control Act):	
All ingredients are listed.	
· Proposition 65	
· Chemicals known to cause cancer:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
· Chemicals known to cause developmental toxicity:	
None of the ingredients is listed.	
· Carcinogenic categories	
· EPA (Environmental Protection Agency)	
109-63-7	diethyl ether--boron trifluoride I (oral)
· TLV (Threshold Limit Value established by ACGIH)	
123-31-9	1,4-dihydroxybenzene A3
· NIOSH-Ca (National Institute for Occupational Safety and Health)	
None of the ingredients is listed.	

- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

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- Hazard pictograms



GHS07

- Signal word Warning
- Hazard-determining components of labeling: ethyl 2-cyanoacrylate
- Hazard statements
Combustible liquid.
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
- Precautionary statements
Keep away from flames and hot surfaces. – No smoking.
Avoid breathing dust/fume/gas/mist/vapors/spray
Wear protective gloves / eye protection / face protection.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see on this label).
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER/doctor if you feel unwell.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
In case of fire: Use for extinction: CO₂, powder or water spray.
IF ON SKIN: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
Store locked up.
Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container in accordance with local/regional/national/international regulations.
- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

* 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.

- Department issuing SDS: Petronio Shoe Products
- Contact: Petronio Shoe Products
- Date of preparation / last revision 11/10/2015 / 5
- 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
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
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)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 4: Flammable liquids, Hazard Category 4
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
- * Data compared to the previous version altered.