

# Safety Data Sheet GAPPER ADHESIVE

Supersedes Date 07/10/2014

Issuing Date 09/13/2016

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** GAPPER ADHESIVE

**Recommended use** Adhesive

**Information on Manufacturer**

Partsmaster, Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

**Product Code** 67050010

**Chemical nature** Cyanoacrylate

**Emergency Telephone Number**

CHEMTREC® 800-424-9300

**Telephone inquiry**

800-336-0450

## 2. HAZARD IDENTIFICATION

**Color** Straw

**Physical state** Liquid

**Odor** Peculiar

### GHS

#### Classification

##### Physical Hazards

Flammable liquids

##### Health Hazard

Skin Corrosion/Irritation

Serious Eye Damage/Eye Irritation

Skin sensitization

Specific target organ systemic toxicity (single exposure)

Category 2

Category 2

Category 1

Category 3

##### Other hazards

None

### Labeling

#### Signal Word

**WARNING**



#### Hazard statements

H227 - Combustible liquid

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H317 - May cause an allergic skin reaction

H335 - May cause respiratory irritation

#### Precautionary Statements

P210 - Keep away from heat, sparks, open flames or hot surfaces.

P261 - Avoid breathing mist.

P271 - Use in a well-ventilated area.

P280 - Wear protective gloves, protective clothing and eye protection.

P264 - Wash face, hands and any exposed skin thoroughly after handling

P272 - Contaminated work clothing should not be allowed out of the workplace

P321 - Specific treatment (see supplemental first aid instructions on this label)

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P333 - If skin irritation or rash occurs get medical attention.

P362 - Take off contaminated clothing and wash before reuse

P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P312 - Call a physician if unwell.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists, get medical attention.

P370+P378 In case of fire, use dry chemical extinguisher or flush with large amounts of water for extinction.

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

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

P405 - Store locked up

P501 - Dispose of contents and container to an approved waste disposal plant.

19 % of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
Ethyl cyanoacrylate	7085-85-0	60-100
Poly (methyl methacrylate)	9011-14-7	10-30
Hydroquinone	123-31-9	0.1-1.0

\*The exact percentage (concentration) of composition has been withheld as a trade secret

## 4. FIRST AID MEASURES

<b>General advice</b>	Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist, or gas.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
<b>Inhalation</b>	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water.
<b>Notes to physician</b>	Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

<b>Flash Point</b> 185 °F / 85 °C	<b>Method</b> Tag closed cup
<b>Upper:</b> No data available	<b>Lower:</b> No data available

**Suitable Extinguishing Media**

Dry chemical. Water spray.

**Specific hazards arising from the chemical**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

<b>NFPA</b>	<b>Health</b> 1	<b>Flammability</b> 2	<b>Instability</b> 1
<b>HMIS</b>	<b>Health</b> 1	<b>Flammability</b> 2	<b>Instability</b> 1

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Ensure adequate ventilation.
<b>Environmental Precautions</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for Containment</b>	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
<b>Methods for Cleaning Up</b>	Contain spillage, soak up with water and transfer to a container for disposal according to local / national regulations.
<b>Neutralizing Agent</b>	Not applicable.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas.				
<b>Storage</b>	Store in original container. Keep containers dry and tightly closed to avoid moisture absorption and contamination.				
<b>Storage Temperature</b>	<b>Minimum</b>	23 °F / -5 °C		<b>Maximum</b>	77 °F / 25 °C
<b>Storage Conditions</b>	<b>Indoor</b>	X	<b>Outdoor</b>	<b>Heated</b>	<b>Refrigerated</b>

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH
Ethyl cyanoacrylate	TWA: 0.2 ppm	No data available	No data available
Hydroquinone	TWA: 1 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	50 mg/m <sup>3</sup> Ceiling: 2 mg/m <sup>3</sup>

<b>Engineering Measures</b>	Use with local exhaust ventilation.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin Protection</b>	Wear suitable protective clothing, Polyvinyl alcohol or nitrile- butyl-rubber gloves.
<b>Respiratory Protection</b>	In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
<b>General Hygiene Considerations</b>	Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Liquid	<b>Viscosity</b>	650-850 cP
<b>Color</b>	Straw	<b>Odor</b>	Peculiar
<b>Odor Threshold</b>	Not applicable	<b>Appearance</b>	Transparent
<b>pH</b>	No data available	<b>Specific Gravity</b>	1.06
<b>Evaporation Rate</b>	Not determined	<b>Percent Volatile (Volume)</b>	No information available
<b>VOC Content (%)</b>	<1.9	<b>VOC Content (g/L)</b>	0
<b>Vapor Pressure</b>	1 mmHg @ 20 °C	<b>Vapor Density</b>	No information available
<b>Solubility</b>	Insoluble	<b>n-Octanol/Water Partition</b>	No data available
<b>Melting Point/Range</b>	366 °F / 186 °C	<b>Decomposition Temperature</b>	No data available
<b>Boiling Point/Range</b>	365 °F / 185 °C	<b>Flammability (solid, gas)</b>	No data available
<b>Flash Point</b>	185 °F / 85 °C	<b>Method</b>	Tag closed cup
<b>Autoignition Temperature</b>	No information available.		
Upper: No data available Lower: No data available			

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable. Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Exposure to air or moisture over prolonged periods, Extremes of temperature and direct sunlight.
<b>Incompatible Products</b>	Protect from light, Water, Alcohols, Amines, Alkaline.
<b>Decomposition Temperature</b>	No data available
<b>Hazardous Decomposition Products</b>	None under normal use.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.

## 11. TOXICOLOGICAL INFORMATION

Product Information No information available.

The following values are calculated based on chapter 3.1 of the GHS document

<b>Oral LD50</b>	No information available
<b>Dermal LD50</b>	No information available
<b>Inhalation LC50</b>	
<b>Gas</b>	No information available
<b>Mist</b>	No information available
<b>Vapor</b>	No information available

**Principle Route of Exposure** Skin contact, Eye contact, Inhalation.

**Primary Routes of Entry** Skin contact.

**Acute Effects:**

<b>Eyes</b>	Causes eye irritation.
<b>Skin</b>	Prolonged or repeated contact may cause drying and chapping of the skin.
<b>Inhalation</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
<b>Ingestion</b>	Not applicable. Not an expected route of exposure.
<b>Chronic Toxicity</b>	May cause sensitization by skin contact.
<b>Target Organ Effects</b>	Respiratory system.
<b>Aggravated Medical Conditions</b>	Skin disorders, Respiratory system.

Component Information

**Acute Toxicity**

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Hydroquinone 123-31-9	= 298 mg/kg ( Rat )	= 74800 mg/kg ( Rabbit )	No data available	No data available	No data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Ethyl cyanoacrylate 7085-85-0	No data available	Skin sensitization	No data available	No data available	No data available
Hydroquinone 123-31-9	No data available	No data available	No data available	No data available	Skin; Central nervous system; Eyes; Respiratory system

**Carcinogenicity**

Component	ACGIH	IARC	NTP	OSHA	Other
Poly (methyl methacrylate) 9011-14-7	not applicable	Group 3	not applicable	not applicable	not applicable
Hydroquinone 123-31-9	A3	Group 3	not applicable	not applicable	not applicable

## 12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Hydroquinone	EC50 = 0.335 mg/L Pseudokirchneriella subcapitata 72 h	LC50 = 0.044 mg/L Oncorhynchus mykiss 96 h LC50 = 0.044 mg/L Pimephales promelas 96 h LC50 0.1 - 0.18 mg/L Pimephales promelas 96 h LC50 = 0.17 mg/L Brachydanio rerio 96 h	EC50 = 0.038 mg/L 15 min EC50 = 0.0382 mg/L 30 min EC50 = 0.042 mg/L 5 min EC50 = 23.75 mg/L 60 min	0.29: 48 h Daphnia magna mg/L EC50	0.5

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

## 13. DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of in accordance with local regulations.

Container Disposal

Empty containers should be taken for local recycling, recovery, or waste disposal.

## 14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

## 15. REGULATORY INFORMATION

Inventories

TSCA

Complies

DSL

Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	Yes	No	No

CERCLA

None

Component	Hazardous Substances RQs	CERCLA EHS RQs
Hydroquinone	100 lb	500 lb lower TPQ; 10000 lb upper TPQ 100 lb

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

## 16. OTHER INFORMATION

Prepared By

Christopher Drogin

Supersedes Date

07/10/2014

Issuing Date

09/13/2016

Reason for Revision

No information available.

Glossary

No information available.

**List of References.**

No information available.

Partsmaster, Div of NCH Corp. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.