

# 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**

Partmaster, Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

**Product Code** 67050010

**Chemical nature** Cyanoacrylate

**Emergency Telephone Number**

CHEMTRAC® 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

Category 2

Serious Eye Damage/Eye Irritation

Category 2

Skin sensitization

Category 1

Specific target organ systemic toxicity (single exposure)

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

**Flash Point** 185 °F / 85 °C  
**Upper:** No data available

**Method** Tag closed cup  
**Lower:** 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 1</b>	<b>Flammability 2</b>	<b>Instability 1</b>
<b>HMIS</b>	<b>Health 1</b>	<b>Flammability 2</b>	<b>Instability 1</b>

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Ensure adequate ventilation.

**Environmental Precautions** Do not flush into surface water or sanitary sewer system.

**Methods for Containment** 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).

**Methods for Cleaning Up** Contain spillage, soak up with water and transfer to a container for disposal according to local / national regulations.

**Neutralizing Agent** Not applicable.

### 7. HANDLING AND STORAGE

**Handling** Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas.  
**Storage** 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>

**Engineering Measures** Use with local exhaust ventilation.

**Personal Protective Equipment**

**Eye/Face Protection**

Safety glasses with side-shields.

**Skin Protection**

Wear suitable protective clothing, Polyvinyl alcohol or nitrile- butyl-rubber gloves.

**Respiratory Protection**

In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**General Hygiene Considerations**

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.

**Chronic Toxicity**

**Target Organ Effects**

**Aggravated Medical Conditions**

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  
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Reason for Revision No information available.  
Glossary No information available.

**List of References.**

No information available.

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