

Safety Data Sheet: HYBRID HP BLACK GAP FILLING

Supersedes Date: 10/29/2015

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: HYBRID HP BLACK GAP FILLING

Recommended use Adhesive

Information on Manufacturer

Partsmaster, Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

Product Code: 67004924

Chemical nature Cyanoacrylate

Emergency Telephone

CHEMTREC® 800-424-9300

Telephone inquiry

800-336-0450

2. HAZARD IDENTIFICATION

Color Black

Physical state Liquid

Odor Characteristic

GHS

Classification

Physical Hazards

Flammable liquids

Category 4

Health Hazard

Skin Corrosion/Irritation

Serious Eye Damage/Eye Irritation

Specific target organ systemic toxicity (single exposure)

Category 2

Category 2A

Category 3

Other hazards

None

Labeling

Signal Word

WARNING



Hazard statements

H227 - Combustible liquid

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

Precautionary Statements

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

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

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

P261 - Avoid breathing vapor.

P271 - Use in a well-ventilated area.

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

P332 + P313 - If skin irritation occurs, get medical attention.

P362 - Take off contaminated clothing and wash before reuse.

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.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P312 - Call a physician if unwell.

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

P233 - Keep container tightly closed.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Ethyl cyanoacrylate	7085-85-0	80-100
Carbon Black	1333-86-4	0.1-1.0

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

4. FIRST AID MEASURES

General advice	Avoid contact with skin, eyes and clothing. Avoid breathing vapors.
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.
Skin Contact	Do not peel solidified product off the skin. 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.
Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion	No hazards which require special first aid measures.
Notes to physician	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

5. FIRE-FIGHTING MEASURES

Flash Point 185 °F / 85 °C	Method Estimated
Upper: No data available	Lower: No data available
Suitable Extinguishing Media	
Carbon dioxide (CO2). Dry chemical. Water spray. Foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.	
Unsuitable Extinguishing Media	
Sharp water jet.	
Specific hazards arising from the chemical	
Material can create slippery conditions. Combustible Liquid. Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode.	
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.	
NFPA	Health 2
HMIS -	Health 2
	Flammability 2
	Flammability 2
	Instability 1
	Physical Hazard 1

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Ensure adequate ventilation. Take precautionary measures against static discharges. Remove all sources of ignition. Material can create slippery conditions.
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	Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin, eyes and clothing. Avoid breathing vapors.			
Storage	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition.			
Storage Temperature	Minimum	No information available	Maximum	No information available
Storage Conditions	Indoor	X	Outdoor	Heated
				Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Ethyl cyanoacrylate	TWA: 0.2 ppm STEL: 1 ppm	No data available	No data available
Carbon Black	TWA: 3 mg/m ³ inhalable particulate matter	TWA: 3.5 mg/m ³	1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³

Engineering Measures	Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
Personal Protective Equipment	
Eye/Face Protection	Tightly fitting safety goggles.
Skin Protection	Wear suitable protective clothing, Impervious gloves, Nitrile rubber, Do not wear cotton gloves, Do not wear PVC gloves, as PVC absorbs acrylates.
Respiratory Protection	In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations

Remove and wash contaminated clothing before re-use. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	Viscosity	No data available
Color	Black	Odor	Characteristic
Odor Threshold	No data available	Appearance	No data available
pH	No data available	Specific Gravity	1.06
Evaporation Rate	Not applicable	Percent Volatile (Volume)	No data available
VOC Content (%)	1.7	Vapor pressure	No data available
Vapor Density	No data available	Solubility	No data available
n-Octanol/Water Partition	No data available	Melting Point/Range	No data available
Decomposition Temperature	No data available	Boiling Point/Range	
Flammability (solid, gas)	No data available		
Flash Point	185 °F / 85 °C	Method	Estimated
Autoignition Temperature	No data available		
Upper: No data available Lower: No data available			

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Keep away from open flames, hot surfaces, and sources of ignition. Protect from direct sunlight and extremes of temperatures.
Incompatible Products	No information available.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Nitrogen oxides (NOx).
Possibility of Hazardous Reactions	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

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

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

Primary Routes of Entry Skin Absorption.

Acute Effects:

Eyes	Causes serious eye irritation. Eyelid bonding.
Skin	Causes skin irritation. Bonds skin instantly.
Inhalation	May cause irritation of respiratory tract.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity

Repeated exposure may cause skin dryness or cracking.

Target Organ Effects:

Eyes, Respiratory system.

Aggravated Medical Conditions

Respiratory disorders.

Component Information**Acute Toxicity**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Ethyl cyanoacrylate 7085-85-0	> 5 mL/kg (Rat) > 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	< 21.1 mg/L (Rat) 1 h	No data available	No data available
Carbon Black 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	No data available	No data available	No data available

Chronic Toxicity

Chemical name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Carbon Black 1333-86-4	No data available	No data available	No data available	No data available	Eyes; Respiratory system

Carcinogenicity

This product contains carbon black which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is not in a respirable form.

Chemical name	ACGIH	IARC	NTP	OSHA	Other
Carbon Black 1333-86-4	A3	Group 2B	Not applicable	X	Not applicable

12. ECOLOGICAL INFORMATION

Product Information No information available.

Additional Ecological Information: No information available

Component Information

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Carbon Black	No information available.	No information available.	No information available	5600: 24 h Daphnia magna mg/L EC50	N/A

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 does not contain any 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

See Section 2

CERCLA None

U.S. State Regulations**California Proposition 65**

This product can expose you to chemicals including those listed in the table below, which is [are] known to the State of California to cause either cancer and/or birth defects or other reproductive harm, (as indicated next to the chemical of concern). For more information go to www.P65Warnings.ca.gov.

Chemical name	CAS No.	California Prop. 65
Carbon Black	1333-86-4	carcinogen

16. OTHER INFORMATION

Prepared By Tamara Womack

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Glossary No information available.
List of References. No information available.

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