

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

GHS Product Identifier	Not applicable.
Chemical Name	Not applicable.
CAS No.	25068-38-6
Trade name	Cooper Black No. 775 Coal Tar Epoxy, Part B
Product Code	0076

Relevant identified uses of the substance or mixture and uses advised against

Identified use(s)	Protective Coating
Uses advised against	None.

Details of the supplier of the safety data sheet

Company Identification	Coopers Creek Chemical Corporation 884 River Road West Conshohocken, PA 19428
Telephone	(610) 828-0375
Fax	(610) 828-9720
E-Mail (competent person)	info@cooperscreekchemical.com

Emergency telephone number

Emergency Phone No.	CHEMTREC 24 hr. (800) 424-9300 or +1 (703) 527-3887 (Collect call accepted)
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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B
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Label elements

Hazard Symbol

**WARNING**

Signal Word(s)

Hazard statement(s)

Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.

Precautionary statement(s)

Wear protective gloves/protective clothing/eye protection/face protection.
Wash hands and exposed skin after use.
Contaminated work clothing should not be allowed out of the workplace.

Other hazards

Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Hazardous ingredient(s)	% wt.	CAS No.	Hazard statement(s)
4,4'-Isopropylidenediphenol	100%	25068-38-6	Causes skin irritation. (Skin Irrit. 2) Causes serious eye irritation. (Eye Irrit. 2) May cause an allergic skin reaction. (Skin Sens. 1B) Toxic to aquatic life. (Aquatic Acute 2) Toxic to aquatic life with long lasting effects. (Aquatic Chronic 2)

Additional Information - Other Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.: None

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation	Move person to fresh air. Keep patient at rest and give oxygen if breathing difficult. Apply artificial respiration if necessary. If symptoms persist, obtain medical attention.
Skin Contact	Wash affected skin with soap and water. Wash contaminated clothing before reuse. If symptoms occur obtain medical attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Do not give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

Most important symptoms and effects, both acute and delayed

None known

Indication of the immediate medical attention and special treatment needed

None known

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

-Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or waterspray.
-Unsuitable Extinguishing Media	None anticipated.

Special hazards arising from the substance or mixture

Combustion causes toxic fumes. Combustion products: Carbon monoxide, Carbon dioxide

Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Avoid inhalation of vapours.

Environmental precautions

Prevent liquid entering sewers, basements and workpits.

Methods and material for containment and cleaning up

Contain spillages with sand, earth or any suitable adsorbent material. Contaminated adsorbent must be removed in sealed, plastic lined drums and disposed of via an authorised waste disposal contractor.

Reference to other sections

None

Additional Information

None.

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SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid inhalation of vapours. Avoid release to the environment.

Conditions for safe storage, including any incompatibilities

-Storage Temperature

Store at room temperature.

-Incompatible materials

Strong oxidising agents.

Specific end use(s)

Protective Coating

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
None	-----	-----	-----	-----	-----	-----

Recommended monitoring method

None

Exposure controls

Appropriate engineering controls

Keep container closed when not in use. Use product in a well-ventilated area only.

Personal protection equipment

Eye/face protection

Wear protective eye glasses for protection against liquid splashes.



Skin protection (Hand protection/ Other)

Wear suitable protective clothing and gloves. Type: Butyl rubber. Gloves should be changed if excessive exposure has occurred. Check with protective equipment manufacturer's data.



Respiratory protection

In case of inadequate ventilation wear respiratory protection. Use NIOSH approved respiratory protection.



Thermal hazards

Use gloves with insulation for thermal protection, when needed.

Environmental Exposure Controls

Do not discharge waste and/or cleaning water via public sewer system. Ensure waste is collected and contained.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance

Liquid

Colour

Clear

Odour

Slight Odour

Odour Threshold (ppm)

Not available.

pH (Value)

Not available.

Melting Point (°C) / Freezing Point (°C)

-16 (3.2 °F)

Boiling point/boiling range (°C)

200 (392 °F)

Flash Point (°C)

> 100 (> 212 °F) [Closed cup]

Evaporation rate

Not available.

Flammability (solid, gas)

Not applicable.

Explosive limit ranges

Not applicable.



Vapour Pressure (Pascal)	Not determined.
Vapour Density (Air=1)	Not determined.
Density (g/ml)	1.17
Solubility (Water)	Not available.
Solubility (Other)	Not known
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Temperature (°C)	Not available.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (cSt) @ 40 °C	Not available
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	May react violently with: Strong oxidising agents
Conditions to avoid	Heat.
Incompatible materials	Oxidizers
Hazardous Decomposition Product(s)	Combustion causes toxic fumes. Combustion products: Carbon monoxide, Carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

4,4'-Isopropylidenediphenol (CAS No.25068-38-6)

Acute toxicity	Oral: LD50 (rat) > 2000 mg/kg Dermal: LD50 (rat) > 2000 mg/kg
Irritation/Corrosivity	Irritation (rabbit): Slight irritant to skin. Slight irritant to rabbit eyes.
Sensitization	Sensitisation: Skin sensitisation has been reported in studies with guinea pigs.
Repeated dose toxicity	Not to be expected
Carcinogenicity	Not to be expected

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Mutagenicity	Not to be expected
Toxicity for reproduction	Not to be expected

Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

4,4'-Isopropylidenediphenol (CAS No. 25068-38-6)

Short term	LC50 = 1.5 mg/l (<i>S. gairdneri</i>) (96 hour) LC50 = 2.7 mg/l (<i>D. magna</i>) (48 hour)
Long Term	NOEC = 0.3 mg/l (<i>D. magna</i>) (21 day)
Persistence and degradability	Not readily biodegradable.
Bioaccumulative potential	The product has no potential for bioaccumulation.
Mobility in soil	The substance has low mobility in soil.
Results of PBT and vPvB assessment	Not applicable
Other adverse effects	None known.

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SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

SECTION 14: TRANSPORT INFORMATION

Ground or Water Domestic Voyage (DOT)

Not Restricted

Sea transport (IMDG)

Not Restricted

Air transport (ICAO/IATA)

Not Restricted

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

RCRA Hazardous Waste Number (40 CFR 261.33): None

US RCRA Hazard Class: Not applicable

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)	Qty^ (Pounds)	Qty^ (Gallons)
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^Quantity of spill to reach RQ.

SARA 311/312 - Hazard Categories:

☐ Fire ☐ Sudden Release ☐ Reactivity ☒ Immediate (acute) ☐ Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
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SARA 302 - Extremely Hazardous Substances(40 CFR 355):

	CAS No.	Typical %wt.	TPQ (pounds)
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Proposition 65 (California): "WARNING: This product contains chemicals known to the State of California to cause cancer."

SECTION 16: OTHER INFORMATION

Additional Information



NFPA Rating



HMIS (Hazardous Material Information System)

The following sections contain revisions or new statements: 1-16.

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