

# Material Safety Data Sheet

## Black – CT Black 40

Ref: MC003 - Date of Issue: March 2019

### Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### PRODUCT NAME

Black - Black Concentrate for various applications

#### SYNONYMS

Carbon Black dispersion

#### PRODUCT USE

Formulated Carbon Black dispersion

#### SUPPLIER

Company: Mark Technologies trading as House of Paint  
Address: 38-40 South Link Dandenong South, Vic 3175  
Telephone: 03 9798 4104  
Fax: 03 9798 4039  
Email: info@houseofpaint.com.au

### Section 2 - HAZARDS IDENTIFICATION

#### STATEMENT OF HAZARDOUS NATURE

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.  
According to the Criteria of NOHSC, and the ADG Code.

#### POISONS SCHEDULE

None

#### RISK

Under normal use, this product poses minimal risk. Long term exposure to skin may cause skin dryness leading to dermatitis.

#### SAFETY

Do not breathe gas/fumes/vapour/spray.  
Avoid contact with skin. Wear eye/face protection.  
In case of contact with eyes, rinse with plenty of water and contact Doctor or Poisons Information Centre.

### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
Synthetic styrene acrylic latex		5-20
Carbon Black		30-65
additives, , unregulated		<5
Proprietary components no deemed hazardous		<10
water	7732-18-5	20-60

## **Section 4 - FIRST AID MEASURES**

### **SWALLOWED**

Rinse mouth out with plenty of water. If poisoning occurs, contact a doctor or Poisons Information Centre.

- If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious
- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- Seek medical advice.

### **EYE**

If this product comes in contact with the eyes:

- Immediately hold eyelids apart and flush the eye continuously with running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
- Transport to hospital or doctor without delay.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

### **SKIN**

If solids or aerosol mists are deposited upon the skin:

- Flush skin and hair with running water (and soap if available).
- Remove any adhering solids with industrial skin cleansing cream.
- DO NOT use solvents.
- Seek medical attention in the event of irritation.

### **INHALED**

- If fumes or combustion products are inhaled remove from contaminated area.
- Lay patient down. Keep warm and rested.
- Prosthesis such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
- Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.
- Transport to hospital, or doctor.

### **NOTES TO PHYSICIAN**

Treat symptomatically.

## **Section 5 - FIRE FIGHTING MEASURES**

### **EXTINGUISHING MEDIA**

Use extinguishing media suitable for surrounding area.

### **FIRE FIGHTING**

Alert Fire Brigade and tell them location and nature of hazard.

- Wear breathing apparatus plus protective gloves for fire only.
- Prevent, by any means available, spillage from entering drains or water courses.
- Cool fire exposed containers with water spray from a protected location.
- Use fire fighting procedures suitable for surrounding area.

## **FIRE/EXPLOSION HAZARD**

- The material is not readily combustible under normal conditions.
- However, it will break down under fire conditions and the organic component may burn.
- Not considered to be a significant fire risk.
- Heat may cause expansion or decomposition with violent rupture of containers.
- Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).
- May emit acrid smoke.

## **FIRE INCOMPATIBILITY**

None known

## **HAZCHEM**

None

## **Personal Protective Equipment**

**Glasses:** Safety Glasses. Chemical goggles.

**Gloves:** 1.BUTYL 2.NEOPRENE 3.VITON

**Respirator:** Type AK-P Filter of sufficient capacity

## **Section 6 - ACCIDENTAL RELEASE MEASURES**

### **EMERGENCY PROCEDURES**

#### **MINOR SPILLS**

- Clean up all spills immediately.
- Avoid breathing vapours and contact with skin and eyes.
- Control personal contact by using protective equipment.
- Contain and absorb spill with sand, earth, inert material or vermiculite.
- Wipe up.
- Place in a suitable labelled container for waste disposal.

#### **MAJOR SPILLS**

Minor hazard.

- Clear area of personnel.
- Alert Fire Brigade and tell them location and nature of hazard.
- Control personal contact by using protective equipment as required.
- Prevent spillage from entering drains or water ways.
- Contain spill with sand, earth or vermiculite.
- Collect recoverable product into labeled containers for recycling.
- Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal.
- Wash area and prevent runoff into drains or waterways.
- If contamination of drains or waterways occurs, advise emergency services.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

## **Section 7 - HANDLING AND STORAGE**

### **PROCEDURE FOR HANDLING**

Avoid breathing mist and vapour

- Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.

- Avoid contact with incompatible materials.
- When handling, DO NOT eat, drink or smoke.
- Keep containers securely sealed when not in use.
- Avoid physical damage to containers.
- Always wash hands with soap and water after handling.
- Work clothes should be laundered separately.
- Use good occupational work practice.
- Observe manufacturer's storing and handling recommendations.
- Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.

#### **SUITABLE CONTAINER**

- Lined metal can, Lined metal pail/ can
- Plastic pail
- Polyliner drum
- Packing as recommended by manufacturer.
- Check all containers are clearly labeled and free from leaks.

#### **STORAGE INCOMPATIBILITY**

None known

#### **STORAGE REQUIREMENTS**

- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry, well ventilated area.
- DO NOT allow to freeze.
- Store away from incompatible materials.
- Protect containers against physical damage and check regularly for leaks.
- Observe manufacturer's storing and handling recommendations.

### **Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### **EXPOSURE CONTROLS**

No data for House of Paint Colour Dispersions

#### **PERSONAL PROTECTION**

##### **EYE**

- Safety glasses with side shields; or as required,
- Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

##### **HANDS AND FEET**

Hands: Barrier cream with polyethylene gloves or

Wear general protective gloves: i.e. Disposable polythene gloves or Cotton gloves or Light weight rubber gloves, with Barrier cream.

Feet: Safety footwear.

##### **OTHER**

- Overalls.
- Eyewash unit.
- DO NOT spray directly on humans, exposed food or food utensils.

#### **ENGINEERING CONTROLS**

None required when handling small quantities.

OTHERWISE: Use in a well-ventilated area. Spraying to be carried out in conditions conforming to local state regulations. Unprotected personnel must vacate the spraying area. General exhaust is adequate under normal operating conditions. If risk of overexposure exists, wear SAA approved respirator. Correct fit is essential to obtain adequate protection. Provide adequate ventilation in warehouse or closed storage areas.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

White liquid; mixes with water. Mild acrylic odour.

### PHYSICAL PROPERTIES

State:	Liquid, mixes with water.
Molecular Weight:	Not applicable
Boiling Range (°C):	100-244
Melting Range (°C):	Not available.
Specific Gravity (water=1):	1.0 – 1.3
Solubility in water (g/L):	Miscible pH (as supplied): 7 - 9
pH (1% solution):	Not available
Vapour Pressure (kPa):	<1
Volatile Component (%vol):	25-60
Evaporation Rate:	Slow
Relative Vapour Density (air=1):	Not available.
Flash Point (°C):	Non Flammable
Lower Explosive Limit (%):	Not applicable
Upper Explosive Limit (%):	Not applicable
Autoignition Temp (°C):	Not applicable
Decomposition Temp (°C):	Not available.

## Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

### CONDITIONS CONTRIBUTING TO INSTABILITY

Product is considered stable and hazardous polymerization will not occur.

## Section 11 - TOXICOLOGICAL INFORMATION

### POTENTIAL HEALTH EFFECTS

None known

### ACUTE HEALTH EFFECTS

#### SWALLOWED

Considered an unlikely route of entry in commercial/industrial environments

The liquid is discomforting and mildly toxic if swallowed. Ingestion may result in nausea, abdominal irritation, pain and vomiting

#### EYE

The liquid is discomforting to the eyes and is capable of causing a mild, temporary redness of the conjunctiva (similar to wind-burn), temporary impairment of vision and/ or other transient eye damage/ulceration The vapour is mildly discomforting to the eyes. The material may produce moderate eye irritation leading to inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

#### SKIN

The liquid is mildly discomforting to the skin if exposure is prolonged which may lead to dermatitis.

#### INHALED

The vapour/mist is mildly discomforting to the upper respiratory tract and lungs. Inhalation hazard is increased at higher temperatures.

### CHRONIC HEALTH EFFECTS

Principal routes of exposure are usually by skin contact with the material and inhalation of vapour/spray mist

Prolonged or repeated skin contact may cause drying with cracking, irritation and possible dermatitis following. As with any chemical product, contact with unprotected bare skin; inhalation of vapour, mist or dust in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.

## **Section 12 - ECOLOGICAL INFORMATION**

Information not available on House of Paint Colorant for Color Dispersions

## **Section 13 - DISPOSAL CONSIDERATIONS**

Recycle wherever possible. Consult manufacturer for recycling options.  
Consult State Land Waste Management Authority for disposal. Recycle if possible, otherwise dispose in a chemically secure landfill. Recycle containers if possible, or dispose of in an authorised landfill.  
Liquid content should be reduced by evaporation so solid component can be disposed off into solid landfill.

## **Section 14 - TRANSPORTATION INFORMATION**

- UN Number: None
- Un Proper Shipping Name: None
- Hazard Class: None
- Packing Group: None
- Special precautions for user:
- Hazchem Code: None
- Additional Shipping Information:

## **Section 15 - REGULATORY INFORMATION**

### **POISONS SCHEDULE**

None

## **Section 16 - OTHER INFORMATION**

**TOXICOLOGY** There is no specific toxicity information available for this product.  
Because this product is a free-flowing liquid or paste, dust inhalation is not an expected route of exposure.

This document has been produced from information supplied by the raw materials suppliers to House of Paint.

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Disclaimer: The paint products are manufactured from high-grade materials to rigid specifications. However, it is in the customers best interest to thoroughly test them before adapting them to their own uses. The paint must be used in accordance with the instructions on the relevant technical data sheets and packaging label. Customers must read the manufacturer's standard terms and conditions of sale. All the information provided above is subject to the manufacturer's standard terms and conditions of sale. Every person dealing with the products does so at their own risk.