

# SAFETY DATA SHEET

Issuing Date 23-Jun-2015

Revision Date 10-Nov-2022

Revision Number 4

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Code(s)**

R-BK

**Product Name**

Rolmark Black Stencil Ink

### **Component**

### Other means of identification

**Document**

Part Codes: 20887,20903,5A132,20928,20929,33564,4HY29

### **Other Information**

This Safety Data Sheet complies with the requirements of the OSHA Hazard Communication Standard 2012 Final Rule. This product is intended for use by properly trained and qualified professionals after having familiarized themselves with this SDS and understand all hazards to themselves and the environment through a comprehensive training program according to the Hazard Communication Standard 29 CFR 1910.1200, and the Occupational Safety and Health adoption of the Global Harmonization Standard (GHS). Use of this product may present additional hazards, and no guarantee is implied that the hazards and necessary precautions listed in this document are the only ones present. Customers using this product are responsible for determining proper personal protection equipment according to the specific conditions, PPE listed are a minimum standard. This product is not intended for general public use.

### Recommended use of the chemical and restrictions on use

**Recommended Use**

Coatings.

**Uses advised against**

Restricted to professional users

### Details of the supplier of the safety data sheet

#### **Manufacturer Address**

Marsh Shipping Supply Co., LLC  
926 McDonough Lake Road - Unit E  
Collinsville, IL 62234  
USA

### Emergency telephone number

**24 Hour Emergency Phone Number**

Infotrac: 1-800-535-5053

International: call collect 352-323-3500

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 2
Flammable liquids	Category 3

### Label elements

#### **Warning**

#### **Hazard statements**

Causes serious eye irritation  
Suspected of causing cancer  
Flammable liquid and vapor

**Appearance** Paint**Physical state** liquid**Odor** Alcohol**Precautionary Statements**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Wash face, hands and any exposed skin thoroughly after handling  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use explosion-proof electrical/ ventilating / lighting/ non-sparking/ equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge

**Precautionary Statements - Response**

IF exposed: Call a POISON CENTER or doctor/physician  
 IF IN EYES: 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  
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower  
 In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

May be harmful if swallowed

**Unknown acute toxicity**

0 % of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Mixture**

Chemical Name	CAS No.	Weight-%
4-hydroxy-4-methylpentan-2-one	123-42-2	82
Carbon black	1333-86-4	5.5

### 4. FIRST AID MEASURES

**Description of first aid measures****General advice**

Show this safety data sheet to the doctor in attendance. Call 911 or emergency medical

service. Immediately call a POISON CENTER or doctor/physician. Use first aid treatment according to the nature of the injury.

**Inhalation**

Remove to fresh air. Administer oxygen if breathing is difficult. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician. Unconscious persons should be moved to an uncontaminated area and, as necessary, given artificial resuscitation and supplemental oxygen.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes. Get medical attention if symptoms occur.

**Skin contact**

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Remove material from skin immediately. Wash off immediately with soap and plenty of water for at least 15 minutes. Do not use solvents or thinners to dissolve the material. Take off contaminated clothing and wash before reuse. Get medical attention immediately if symptoms occur. Allergic symptoms may be delayed.

**Ingestion**

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician. Call a physician or poison control center immediately. Do not induce vomiting without medical advice.

**Self-protection of the first aider**

Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

**Most important symptoms and effects, both acute and delayed****Symptoms**

Burning sensation. Symptoms may include headache, dizziness, thirst, cramping, coughing, and nausea. These symptoms may be delayed. Repeated or prolonged exposure may cause kidney, liver, neurological, central nervous system, eye and skin disorders. See Section 11 for additional Toxicological Information. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing. Vapors may cause drowsiness and dizziness.

**Indication of any immediate medical attention and special treatment needed****Note to physicians**

Treat symptomatically. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed. May cause sensitization in susceptible persons.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam. Dry chemical, CO<sub>2</sub>, alcohol-resistant foam or water spray. Use water spray or fog; do not use straight streams. Dry sand. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. May be ignited by heat, sparks or flames. Vapors may form explosive mixture with air. Vapors may travel to source of ignition and flash back. In the event of fire and/or explosion do not breathe fumes. Containers may explode when heated. Vapors may accumulate in confined areas (basement, tanks, hopper/tank cars, etc.). Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire may produce irritating, corrosive and/or toxic gases.

**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrocarbons. Nitrogen oxides (NO<sub>x</sub>).

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** Yes.

**Special protective equipment for fire-fighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use only non-sparking tools.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Full encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Wear protective gloves/protective clothing and eye/face protection.

**Other Information** Ventilate the area. Refer to protective measures listed in Sections 7 and 8. Water spray may reduce vapor; but may not prevent ignition in closed spaces.

### Environmental precautions

**Environmental precautions** Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological Information. Dispose of this material and its container to hazardous or special waste collection point. Prevent entry into waterways, sewers, basements or confined areas.

### Methods and material for containment and cleaning up

**Methods for containment** Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Dike to collect large liquid spills.

**Methods for cleaning up** Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Place in appropriate chemical waste container. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Use clean non-sparking tools to collect absorbed material. Use personal protective equipment as required.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static

discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Do not ingest. If swallowed then seek immediate medical assistance. Ground and bond all lines and equipment associated with product system. All equipment should be non-sparking and explosion proof. Remove all sources of ignition. Remove contaminated clothing and shoes.

#### **Conditions for safe storage, including any incompatibilities**

#### **Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Keep/store only in original container. Keep away from open flames, hot surfaces and sources of ignition. Keep out of the reach of children. Store locked up.

#### **Packaging materials**

use only with original package - do not repackage.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **Control parameters**

#### **Exposure Limits**

<b>Chemical Name</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH IDLH</b>
4-hydroxy-4-methylpentan-2-one 123-42-2	TWA: 50 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 50 ppm (vacated) TWA: 240 mg/m <sup>3</sup>	IDLH: 1800 ppm TWA: 50 ppm TWA: 240 mg/m <sup>3</sup>
Carbon black 1333-86-4	TWA: 3 mg/m <sup>3</sup> inhalable fraction	TWA: 3.5 mg/m <sup>3</sup> (vacated) TWA: 3.5 mg/m <sup>3</sup>	IDLH: 1750 mg/m <sup>3</sup> TWA: 3.5 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> Carbon black in presence of Polycyclic aromatic hydrocarbons PAH

#### **Other Information**

This product may also contain pigments that are otherwise non hazardous according to the US GHS: REFER TO ACGIH TLV NUISANCE PARTICULATE GUIDANCE OF 10mg/m<sup>3</sup> , 3 mg/m<sup>3</sup> respirable fraction; OSHA PEL 15mg/m<sup>3</sup> total dust, 5mg/m<sup>3</sup> respirable fraction.

#### **Appropriate engineering controls**

#### **Engineering controls**

Showers  
Eyewash stations  
Ventilation systems.

#### **Individual protection measures, such as personal protective equipment**

#### **Eye/face protection**

Tight sealing safety goggles.

#### **Hand Protection**

Wear suitable gloves. Impervious gloves. Wear nitrile or natural rubber gloves to protect hands from contact. Butyl gloves are best for prolonged contact.

#### **Skin and body protection**

Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots. Impervious clothing such as Tyvek(R) coveralls for light protection or Saranex(R) 23-P for moderate protection.

<b>Respiratory protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. Adequate ventilation should be used as the first measure to ensure airborne thresholds listed in section 8 of this SDS are not exceeded. If respirators are used, they should be used in accordance with the Hazard Communication Standard.
<b>General hygiene considerations</b>	Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	liquid
<b>Appearance</b>	Paint
<b>Odor</b>	Alcohol
<b>Color</b>	black
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	7	
<b>Melting point / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	150 °C / 302 °F	None known
<b>Flash point</b>	58 °C / 136 °F	
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability limit:</b>	No data available	<b>Lower flammability limit:</b> No data available
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Water solubility</b>	No data available	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	
<b><u>Other Information</u></b>		
<b>Softening point</b>	No information available	
<b>Molecular weight</b>	No information available	
<b>Specific gravity</b>	.98	
<b>Non-Volatile (%)</b>	18 %	
<b>VOC Content (g/l)</b>	809	
<b>Density</b>	8.26 lbs/gal	
<b>Bulk density</b>	No information available	

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under normal conditions.

<b>Possibility of hazardous reactions</b>	None under normal processing.
<b>Hazardous polymerization</b>	None under normal processing.
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Incompatible materials</b>	Strong acids. Strong bases. Do not store together with acids, oxidizing substances, strong alkalis, or heavy-metal compounds.
<b>Hazardous decomposition products</b>	Carbon oxides. Nitrogen oxides (NOx). Thermal decomposition can lead to release of irritating and toxic gases and vapors.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	Acute toxicity - Oral	Oral LD50	Acute toxicity - Dermal	LD50/dermal/rat - mg/kg
4-hydroxy-4-methylpentan-2-one 123-42-2		= 4 g/kg ( Rat )		= 13500 mg/kg ( Rabbit )
Carbon black 1333-86-4		> 15400 mg/kg ( Rat )		> 3 g/kg ( Rabbit )

Chemical Name	Physical state	Acute toxicity - Inhalation (Dusts/Mists)	Acute toxicity - Inhalation (Gases)	Acute toxicity - Inhalation (Vapors)	Inhalation LC50	LC50 Inh 1-hr Vapor rat/rabbit (no units)	Inhalation LC50 - 4 hour - vapor - mg/L
4-hydroxy-4-methylpentan-2-one 123-42-2	liquid				-	-	-
Carbon black 1333-86-4	solid				-	-	-

Chemical Name	Acute aquatic toxicity	M-Factor	Chronic aquatic toxicity	M-Factor
4-hydroxy-4-methylpentan-2-one 123-42-2		-	Not classified	-

Chemical Name	Eyes	Respiratory sensitization	Skin sensitization	Mutagenicity	Mutagenic category 1
4-hydroxy-4-methylpentan-2-one 123-42-2	Category 2				

Chemical Name	NIOSH - Target Organs	STOT - single exposure	Target Organ Systemic Toxicant - Repeated exposure	Aspiration toxicity	Ozone
4-hydroxy-4-methylpentan-2-one 123-42-2	eyes,CNS,respiratory system,liver,skin				
Carbon black 1333-86-4	eyes,respiratory system lymphatic cancer in presence of PAHs				

#### Information on toxicological effects

**Symptoms** May cause redness and tearing of the eyes.

#### Numerical measures of toxicity

##### Acute toxicity

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

ATEmix (oral) 4,697.00 mg/kg  
ATEmix (dermal) 16,463.00 mg/kg

**Unknown acute toxicity** 0 % of the mixture consists of ingredient(s) of unknown toxicity

#### Component Information

Chemical Name	Oral LD50	LD50/dermal/rat - mg/kg	Inhalation LC50
4-hydroxy-4-methylpentan-2-one 123-42-2	= 4 g/kg ( Rat )	= 13500 mg/kg ( Rabbit )	-
Carbon black 1333-86-4	> 15400 mg/kg ( Rat )	> 3 g/kg ( Rabbit )	-

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** May cause skin irritation.

**Serious eye damage/eye irritation** Classification based on data available for ingredients. Irritating to eyes.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** Classification based on data available for ingredients. Contains a known or suspected carcinogen.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Carbon black 1333-86-4	A3	Group 2B	-	X

#### Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

IARC (International Agency for Research on Cancer)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>Target Organ Systemic Toxicant - Repeated exposure</b>	No information available.
<b>Target organ effects</b>	liver, Respiratory system, Eyes, Skin, Central nervous system, Lymphatic System.
<b>Aspiration hazard</b>	No information available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
4-hydroxy-4-methylpentan-2-one 123-42-2	-	420: 96 h Lepomis macrochirus mg/L LC50 static 420: 96 h Lepomis macrochirus mg/L LC50	-	8750: 24 h Daphnia magna mg/L EC50
Carbon black 1333-86-4	-	-	-	5600: 24 h Daphnia magna mg/L EC50

**Persistence and degradability** No information available.

**Bioaccumulation** There is no data for this product.

### Component Information

Chemical Name	Partition coefficient	DOT Marine Pollutant	DOT Severe Marine pollutant
4-hydroxy-4-methylpentan-2-one 123-42-2	1.03		

**Other adverse effects** No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Waste from residues/unused products** Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

**US EPA Waste Number** D001.

## 14. TRANSPORT INFORMATION

### DOT

<b>UN/ID no.</b>	UN1210
<b>Proper shipping name</b>	PRINTING INK
<b>Hazard Class</b>	3

<b>Packing Group</b>	III
<b>Special Provisions</b>	B1, IB3, T2, TP1, 367
<b>Description</b>	UN1210, PRINTING INK, 3, III
<b>Emergency Response Guide Number</b>	129

**TDG**

<b>UN/ID no.</b>	UN1210
<b>Proper shipping name</b>	PRINTING INK
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Description</b>	UN1210, PRINTING INK, 3, III

**MEX**

<b>UN/ID no.</b>	UN1210
<b>Proper shipping name</b>	PRINTING INK
<b>Hazard Class</b>	3
<b>Special Provisions</b>	163, 223
<b>Packing Group</b>	III
<b>Description</b>	UN1210, PRINTING INK, 3, III

**ICAO (air)**

<b>UN/ID no.</b>	UN1210
<b>Proper shipping name</b>	PRINTING INK
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Special Provisions</b>	A3, A72, A192
<b>Description</b>	UN1210, PRINTING INK, 3, III

**IATA**

<b>UN/ID no.</b>	UN1210
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>ERG Code</b>	3L
<b>Special Provisions</b>	A3, A72, A192
<b>Description</b>	&UN1210, &, 3, III

**IMDG**

<b>UN/ID no.</b>	UN1210
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>EmS-No.</b>	F-E, S-D
<b>Special Provisions</b>	163, 223, 367 955
<b>Description</b>	&UN1210, &, 3, III, (58°C C.C.)

**RID**

<b>UN/ID no.</b>	UN1210
<b>Proper shipping name</b>	PRINTING INK
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Classification code</b>	F1
<b>Description</b>	UN1210, PRINTING INK, 3, III
<b>Labels</b>	3

**ADR**

<b>UN/ID no.</b>	UN1210
<b>Proper shipping name</b>	PRINTING INK
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Classification code</b>	F1
<b>Tunnel restriction code</b>	(D/E)
<b>Special Provisions</b>	163, 640E, 367
<b>Description</b>	UN1210, PRINTING INK, 3, III

Labels 3

**ADN**

Proper shipping name PRINTING INK  
 Hazard Class 3  
 Packing Group III  
 Classification code F1  
 Special Provisions 163, 640E  
 Description UN1210, PRINTING INK, 3, III  
 Hazard label(s) 3  
 Limited quantity (LQ) 5 L  
 Ventilation VE01

## 15. REGULATORY INFORMATION

**International Inventories**

TSCA Complies  
 DSL/NDSL Complies  
 EINECS/ELINCS Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**US 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 Hazard Categories**

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

**CAA (Clean Air Act)**

The following component(s) are listed in the Clean Air Act.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.



**WARNING!**

This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Chemical Name	California Proposition 65
Carbon black - 1333-86-4	Carcinogen

### U.S. State Right-to-Know Regulations

#### US State Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
4-hydroxy-4-methylpentan-2-one 123-42-2	X	X	X
Carbon black 1333-86-4	X	X	X

### U.S. EPA Label Information

## 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<b>NFPA</b>	Health hazards 2	Flammability 2	Instability 0	Physical and chemical properties -
<b>HMIS</b>	Health hazards 2 *	Flammability 2	Physical hazards 0	Personal protection X
<i>Chronic Hazard Star Legend</i>	<i>* = Chronic Health Hazard</i>			

**Prepared By** Regulatory Compliance Department.

**Revision Date** 10-Nov-2022

**Revision Note** SDS sections updated.

#### Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text. No express or implied warranty of merchantability or fitness for a particular purpose or use, with respect to the product information provided herein is given. The manufacturer disclosed in section 1 shall under no circumstance be liable for incidental or consequential damage nor makes any representation as to the information's accuracy or sufficiency. All suitability of use and safe handling of this product is upon the user. This product is not to be repackaged. Any re-sale or repackaging of this product is a violation of the original terms of sale, and the manufacturer shall not be held responsible whatsoever for the product or use thereof.

**End of Safety Data Sheet**