

## INK ROLLER – DATA SHEET MSDS P07 and XPAD MODEL

Following technical data refer only to ink roller produced by OPEN DATA.

### IDENTIFICATION



Generic description:

- Foam: black oil-based ink within a polyurethane/polyethylene structure
- Holder: Polyoxymethylene homopolymer (acetal resin)

**Product use:** - Printing / marking on labels - Industrial marking

P07: ink roller for 1line and 2 lines labeler

XPAD: ink roller fast dry type for textile applications

CODE	PICTURE	LABELLER	PACKAGING
P07		OPEN	5 pieces blister 100 pieces box 1000 pieces box
XPAD		OPEN consecutive	5 pieces blister 100 pieces box 1000 pieces box

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## HAZARD IDENTIFICATION

**Classification:**

 Eye Damage/Irritation  
 Skin Sensitization

 Category 1  
 Category 1

**Label Elements:**
**Symbol:**

**Signal Word:** Danger

**Hazard Statements:**

 H318 Causes serious eye damage  
 H317 May cause an allergic skin reaction.

**Precautionary Statements:**
**Prevention:**

 P261 Avoid breathing dust/fumes/gas/mist/vapors/spray.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

 P302+352 IF ON SKIN: Wash with plenty of soap and water.  
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.  
 P310 Immediately call a Poison Center or doctor/physician.  
 P333+313 If skin irritation or a rash occurs: Get medical advice/attention.  
 P308+311 IF exposed or concerned: Call a Poison Center/doctor.  
 P362+364 Take off contaminated clothing and wash it before reuse.

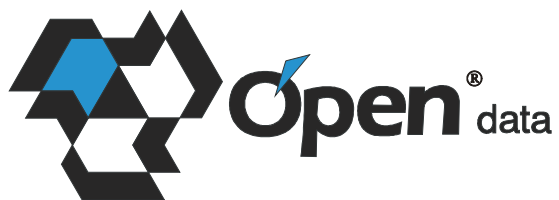
**Storage:**
**Disposal:**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.	Percent
Solvent Black 27	12237-22-8	10-15 %
Solvent Black 7	8005-02-5	< 5 %
2-Ethyl-1,3-hexanediol	94-96-2	5-10 %

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## FIRST AID MEASURES

<b>Inhalation:</b>	Remove person to fresh air and keep comfortable for breathing. Call a Poison Center/Doctor if you feel unwell.
<b>Ingestion:</b>	Get medical advice/attention if you feel unwell.
<b>Eye Contact:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: get medical advice/attention.
<b>Skin Contact:</b>	Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
<b>Notes to the Physician:</b>	Treat symptomatically. No special treatment needed.

## FIRE FIGHTING MEASURES

<b>Suitable extinguishing media</b>	Dry chemical, foam, carbon dioxide and water fog.
<b>Unsuitable extinguishing media</b>	None known.
<b>Fire hazards/conditions of flammability</b>	Not a flammable substance.
<b>Explosion data</b>	Not sensitive to mechanical impact or static discharge.
<b>Fire-fighting procedure</b>	Wear protective clothing and respiratory protection (SCBA).
<b>Hazardous combustion products</b>	Oxides of carbon and nitrogen, irritating fumes and smoke.

## ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	All persons dealing with clean-up should wear the appropriate protective equipment expressed in Section 8. Do not eat, drink or smoke while participating in clean up.
<b>Environmental precautions</b>	Ensure spilled product does not enter drains, sewers, waterways or confined spaces. For large spills, dike the area to prevent spreading.
<b>Spill Containment/cleanup</b>	Contain and absorb spilled liquid with non-combustible, inert absorbent material such as vermiculite or sand, then place absorbent material into a container for later disposal.
<b>Special spill response procedures</b>	In case of a transportation accident, in the United States contact CHEMTREC at 1-800424-9300 or International at 1-703-527-3887.

## HANDLING AND STORAGE

<b>Precautions for safe handling</b>	Wear suitable protective equipment during handling. Do not ingest. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.
<b>Conditions for safe storage</b>	Store in a cool, dry, well-ventilated area. Store away from incompatibles, temperature extremes and out of direct sunlight. Inspect periodically for damage or leaks.
<b>Incompatible materials</b>	Strong oxidizing agents; strong reducing agents; acids.
<b>Special packaging materials</b>	Always keep in containers made of the same materials as the supply container.

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## EXPOSURE CONTROLS/PERSONAL PROTECTION

### Component Exposure Limits

No data available for the mixture

<b>Appropriate engineering controls</b>	Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.
<b>Respiratory protection</b>	If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Confirmation of which type of respirator is most suitable for the intended application should be obtained from respiratory protection suppliers.
<b>Skin protection</b>	Impervious gloves must be worn when using this product. Advice should be sought from glove suppliers.
<b>Eye/Face protection</b>	Good industrial hygiene practices should be used when handling this product including preventing eye contact and minimizing skin contact and inhalation.
<b>Other protective equipment</b>	As needed to prevent eye contact and minimizing skin contact and inhalation.
<b>General hygiene measures</b>	Avoid breathing vapor or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use.

## PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state/Appearance</b>	Black, slightly viscous liquid
<b>Odor</b>	Slight
<b>Odor Threshold</b>	Not available
<b>Specific gravity</b>	Not available
<b>pH</b>	Not available
<b>Initial Boiling point</b>	Not available
<b>Melting/Freezing point</b>	Not available
<b>Coefficient of water/oil distribution</b>	Not available
<b>Vapor pressure (mm Hg @ 20°C/68°F)</b>	Not available
<b>Vapor density (Air = 1)</b>	Not available
<b>Evaporation rate (n-Butyl acetate = 1)</b>	Slower than n-Butyl acetate
<b>Solubility in water</b>	Not available
<b>% Volatiles (by weight)</b>	Not available
<b>Flash point</b>	Not applicable
<b>Auto-ignition temperature</b>	Not applicable
<b>Lower flammable limit (% by vol)</b>	Not applicable
<b>Upper flammable limit (% by vol)</b>	Not applicable
<b>Flame projection length</b>	Not applicable
<b>Flashback observed</b>	Not applicable

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## STABILITY AND REACTIVITY

<b>Reactivity</b>	Not reactive.
<b>Chemical Stability</b>	Stable under the recommended storage and handling conditions prescribed.
<b>Possibility of hazardous reactions</b>	None are known.
<b>Conditions to avoid</b>	Avoid heat and open flame.
<b>Incompatible materials</b>	See Section 7 (Handling and Storage) for further details.
<b>Hazardous decomposition products</b>	None known; refer to hazardous combustion products in Section 5.

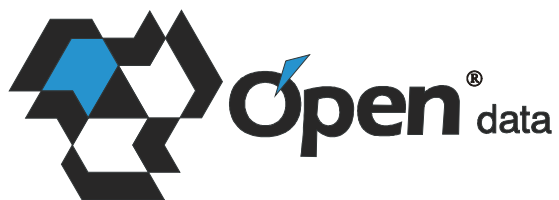
## TOXICOLOGICAL INFORMATION

There is no available data for the mixture itself, only for the ingredients.

**Routes of Exposure:** ingestion, inhalation, skin contact, eye contact. See below for individual acute toxicity data.

Acute Toxicity									
Component	CAS Number	Oral LD <sub>50</sub>	Oral Units	Oral Animal	Dermal LD <sub>50</sub>	Dermal Units	Dermal Animal	Inhalation LD <sub>50</sub>	Inhalation Units
Solvent Black 7	8005-02-5	30000	mg/kg	Rat	-	-	-	-	-
2-Ethyl-1,3-hexanediol	94-96-2	2710	mg/kg	Rat	2000	mg/kg	Rabbit	4800	ppm/8hrs

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**Skin Corrosion/Irritation**

No component of this product is a skin irritant.

**Serious Eye Damage/Irritation**

One or more of the components of this mixture may cause eye irritation/damage.

**Sensitization**

One or more of the components of this mixture may cause respiratory or skin sensitization.

**Germ Cell Mutagenicity**

No data available.

**Carcinogenicity**

No components of the product are listed as carcinogen by NTP, IARC, or OSHA

**Reproductive/Developmental Toxicity**

No data available

**Specific Target Organ Toxicity**

Single Exposure No data available.

Repeated Exposure No data available.

**Aspiration Hazard**

The mixture does not pose an aspiration hazard

**ECOLOGICAL INFORMATION****Ecotoxicity** No data is available on the mixture itself.

Component	Toxicity to Fish	Toxicity to Invertebrates	Toxicity to Algae
2-Ethyl-1,3-hexanediol	624 mg/L, 96 hrs	>100 mg/L, 72 hrs	>100 mg/L, 72 hrs

**Persistence**

No data available on the mixture.

**Bioaccumulative potential**

No data available on the mixture.

**Mobility in Soil**

No data available on the mixture.

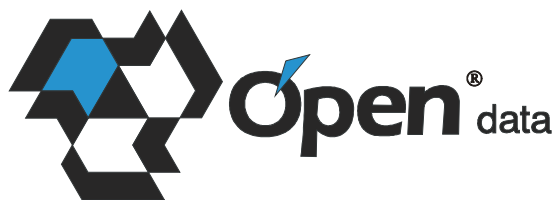
**Other Adverse Effects**

Not determined.

**DISPOSAL CONSIDERATIONS**

Disposal Instructions	Dispose of contents/container in accordance with local/regional/national/international regulations. The responsibility for proper waste disposal lies with the owner of the waste. Emptied containers retain residue
US EPA Waste Number	There is no applicable EPA waste number. This product, if discarded, is not expected to be a characteristic or listed hazardous waste.

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## TRANSPORTATION INFORMATION

DOT	This material is not regulated
UN Proper Shipping Name	This material is not regulated
Hazard Class	N/A
UN Number	N/A
Packing Group	N/A
Marine Pollutant	No

## REGULATORY INFORMATION

### SARA Sections 302 & 304

No chemicals in this mixture are subject to the reporting requirements of SARA Title II.

### SARA Section 311 & 312

**Acute Health Hazard**  
**Chronic Health Hazard**

### SARA Section 313

The following component is subject to reporting levels established by SARA Title III, Section 313:  
None

### CERCLA

The following component is subject to reporting levels established by CERCLA:  
None

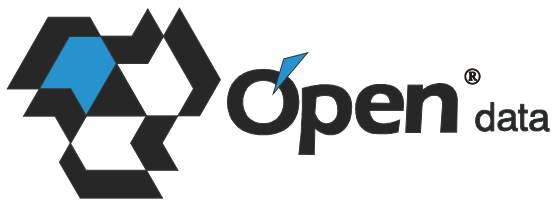
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### TSCA

All components of this product are either listed or are exempt on the TSCA inventory.

The following components of this product are subject to the reporting requirements of Section 12(b) of TSCA:

Component Analysis – State								
Component	CAS #	CA	MA	MN	PA	RI	NJ	LA
Solvent Black 7	8005-02-5	N	N	N	N	N	N	N
Solvent Black 27	12237-22-8	N	N	N	N	N	N	N
2-Ethyl-1,2-hexanediol	94-96-2	N	N	N	N	N	N	N

### California Prop 65

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Substance	CAS #	Toxicity
None		

## OTHER INFORMATION

### Revision Information: 20 October 2021

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 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.

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