



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: INK – BLACK
Product Code: 8264
Recommended Use: Industrial Marking
Manufacturer Name & Address: Identity Group
 1480 Gould Drive
 Cookeville, TN 38506

Telephone Number: 931-432-4000

Emergency Telephone Number: Identity Group – 931-432-4000
 Chemtrec – 1-800-424-9300 (Within the Continental US)

SECTION 2: HAZARD IDENTIFICATION

Classification:

Skin Corrosion/Irritation	Category 2
Eye Damage/Irritation	Category 2B
Germ Cell Mutagenicity	Category 2
Toxic to Reproduction	Category 2

Label Elements:

Symbol:



Signal Word: Warning

Hazard Statements:

H315 Causes skin irritation.
 H320 Causes eye irritation.
 H341 Suspected of causing genetic defects.
 H361 Suspected of damaging fertility or the unborn child.

Precautionary Statements:

Prevention:

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P264 Wash hands/skin thoroughly after handling.
 P280 Wear protective gloves and eye 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.

- P337+313 If eye irritation persists: get medical advice/attention.
 P332+313 If skin irritation 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:

P405 Store locked up.

Disposal:

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

Hazards Not Otherwise Classified (HNOC)

No additional information identified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.	Percent
Solvent Black 7	8005-02-5	10-15%
Aniline	62-53-3	0.1-0.2%
Solvent Orange 3	495-54-5	1-3%
Solvent Violet 8	561-41-1	3-5%
Basic Blue 7	2390-60-5	1-3%
Cyanox 2246	119-47-1	0.05-0.1%

SECTION 4: FIRST AID MEASURES

- Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a Poison Center/Doctor if you feel unwell.
- Ingestion:** Get medical advice/attention if you feel unwell.
- Eye Contact:** 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.
- Skin Contact:** Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
- Notes to the Physician:** Treat symptomatically. No special treatment needed.

SECTION 5: FIRE FIGHTING MEASURES

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal precautions** 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.
- Environmental precautions** Ensure spilled product does not enter drains, sewers, waterways or confined spaces. For large spills, dike the area to prevent spreading.
- Spill Containment/cleanup** 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.
- Special spill response procedures** In case of a transportation accident, in the United States contact CHEMTREC at 1-800424-9300 or International at 1-703-527-3887.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Wear suitable protective equipment during handling. Do not ingest. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.
Conditions for safe storage	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.
Incompatible materials	Strong oxidizing agents; strong reducing agents; acids.
Special packaging materials	Always keep in containers made of the same materials as the supply container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Component Exposure Limits

No data available for the mixture

Appropriate engineering controls	Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.
Respiratory protection	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.
Skin protection	Impervious gloves must be worn when using this product. Advice should be sought from glove suppliers.
Eye/Face protection	Good industrial hygiene practices should be used when handling this product including preventing eye contact and minimizing skin contact and inhalation.
Other protective equipment	As needed to prevent eye contact and minimizing skin contact and inhalation.
General hygiene measures	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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state/Appearance	Black Liquid
Odor	Slight
Odor Threshold	N/Av
Specific gravity	Not available
pH	6.5-7.5
Initial Boiling point	Not available
Melting/Freezing point	Not available
Coefficient of water/oil distribution	Not available
Vapor pressure (mm Hg @ 20°C/68°F)	Not available
Vapor density (Air = 1)	Not available
Evaporation rate (n-Butyl acetate = 1)	Slower than n-Butyl acetate
Solubility in water	Soluble
% Volatiles (by weight)	
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Lower flammable limit (% by vol)	Not applicable
Upper flammable limit (% by vol)	Not applicable
Flame projection length	Not applicable
Flashback observed	Not applicable

SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION

There is no available data for the mixture itself, only for the ingredients. See below for individual acute toxicity data.

Routes of Exposure

Ingestion, inhalation, skin contact, eye contact.

Acute Toxicity									
Component	CAS Number	Oral LD ₅₀	Oral Units	Oral Animal	Dermal LD ₅₀	Dermal Units	Dermal Animal	Inhalation LD ₅₀	Inhalation Units
Solvent Black 7	8005-02-5	5200	mg/kg	Rat	-	-	-	-	-
Aniline	62-53-3	250	mg/kg	Rat	836	mg/kg	Rabbit	248	ppm
Solvent Orange 3	495-54-5	1650	mg/kg	Rat	-	-	-	-	-
Solvent Violet 8	561-41-1	1400	mg/kg	Rat	-	-	-	-	-
Cyanox 2246	119-47-1	5000	mg/kg	Rat	10000	mg/kg	Rabbit	5	mg/l

Skin Corrosion/Irritation

Some components of this product are skin irritants

Serious Eye Damage/Irritation

Some components of this product are eye irritants.

Sensitization

No component of this product is a skin sensitizer.

Germ Cell Mutagenicity

No data available

Carcinogenicity

One or more of the components are listed as carcinogens 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

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity **No data is available on the mixture itself.**
 Component Toxicity to Fish Toxicity to Invertebrates Toxicity to Algae

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.

SECTION 13: 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.

SECTION 14: 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

SECTION 15: REGULATORY INFORMATION

SARA Sections 302 & 304
 Aniline 62-53-3

SARA Section 311 & 312

SARA Section 313
 The following component is subject to reporting levels established by SARA Title III, Section 313:
 Aniline 62-53-3

CERCLA
 No RQ's

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
Aniline	62-53-3	Y	Y	N	Y	N	Y	N
Solvent Orange 3	495-54-5	N	N	N	N	N	N	N
Solvent Violet 8	561-41-1	N	N	N	N	N	N	N
Basic Blue 7	2390-60-5	N	N	N	N	N	N	N

California Prop 65

This product contains a chemical known to the State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

Revision Information:	1/20/17
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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.