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Safety Data Sheet Proofing Ink Black (7640 0403 25)

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09/15/2020

Section 1 Identification

Manufacturer

Mosstype Corporation
150 Franklin Turnpike
Waldwick, NJ 07463
201-444-8000

Emergency Telephone Number

1-800-255-3924 (Chem-Tel)

Technical & SDS Information

201-444-8000

Preparation Date

09/15/2020

Recommended use: Proofing Print Plates

Product Name:

Proofing Ink - Black

Product Identification

7640 0403 25

Section 2 Hazards Identification

Classification of the chemical in accordance with paragraph (d) of § 1910.1200:

GHS Hazard symbol



GHS Classification: eye irritant

HMIS #2

Signal Word: Warning

Hazard Statement: Skin & eye irritant

Precautionary Statement:

Prevention: Wear proper personal protection equipment.

Section 3 Composition/ Information on Ingredients

Chemical Name	CAS #	Weight Percent
Diethylene Glycol	111-46-6	5.5
Ethylene Glycol	107-21-1	5.5
Monoethanolamine	141-43-5	3.5
Ammonium Hydroxide (20-30% NH ₃)	1336-21-6	trace

Section 4 **First Aid Measures**

Eyes	Immediately flush eyes with water, if condition persists consult physician.
Skin	Wash affected area with mild soap and water. If conditions persist consult physician. Wash clothing before reuse.
Ingestion	Small ingested amounts are not expected to produce adverse health effects. Large ingested amounts should be removed from stomach by inducing vomiting or aspiration. Consult a physician.
Inhalation	Remove to fresh air. If symptoms develop consult a physician.

Section 5 **Fire-Fighting Measures**

Suitable extinguishing media	Dry chemical, CO ₂ , water spray or alcohol resistant foam.
Specific Hazards during fire-fighting	Burning produces irritant fumes. Cool closed containers exposed to heat with water spray. Excessive heat may cause closed containers to explode.
Special protection for fire fighters	Wear self-contained breathing apparatus and full protective clothing.

Section 6 **Accidental Release Measures**

Personal precautions, protective equipment & emergency procedures.	Use personal protection equipment, stop discharge.
Environmental precautions	Prevent further leakage, contain spill with dike or barrier – use an absorbent such as Fuller's earth, clay, or other appropriate material. Do not flush to sewer, stream or other bodies of water.
Methods and materials for containment and cleaning up	Contain spillage and transfer to a container for disposal in accordance to Federal, State and local regulations.

Section 7 **Handling and Storage**

Advice on safe handling	Avoid breathing vapor or mist. Wear personnel protective equipment, non-absorbent vinyl or rubber gloves, goggles or approved eye protection. Always keep container tightly closed when not in use. Wash hands thoroughly after use.
Conditions for safe storage	Store in cool, dry ventilated area. Avoid excessive heat. Do not freeze.
Materials to avoid	Keep away from food and drinks. Do not re-use containers for food, clothing or products when skin contact may occur.

Section 8 Exposure Controls/ Personal Protection

Components with workplace parameters

Components	CAS-No.	Value type (form of exposure)	Control parameters Permissible concentration	Basis
Diethylene glycol	111-46-6	n/a	n/a	n/a
Ethylene glycol	107-21-1	50 ppm	127 mg/m3	ACGIH
Monoethanolamine	141-43-5	n/a	n/a	n/a
Ammonium Hydroxide (20-30% of NH3)	1336-21-6	TWA	5mg/m3	STEL

- Engineering measures** Ventilation should be adequate to prevent exposure above occupational limits.
- Respiratory protection** No personal respiratory protective equipment normally required. If exposure above limits, NIOSH certified respirator must be used.
- Hand protection** Non-absorbent vinyl or rubber gloves to help prevent and minimize skin contact.
- Skin protection** Wear non-absorbent, water repelling clothing and boots. Wash thoroughly after handling.
- Eye protection** Wear chemically resistance safety eye glasses with side shields. Have eye wash station available.
- Hygiene measures** Do not eat, drink or smoke when using product. Wash thoroughly after handling.

Section 9 Physical and Chemical Properties

Appearance	Semi paste
Odor	slight ammonical
Color	black
pH	unknown
Melting point/freezing point (°F)	unknown
Boiling point (°F)	unknown
Flash point (°F PMCC)	unknown
Evaporation rate (Ether =1)	slower than ether
Flammability	No data available
VOC (lb/g)	1.788 lb/gl
Solubility in Water	soluble
Solubility in other solutions	no data available
Partition coefficient	n-octanol/water
Explosive properties	no data available
Lower flammability (%)	unknown
Upper flammability (%)	unknown
Vapor pressure (PSIG@ 70°F)	no data available
Vapor density(Air =1)	heavier than air

Relative density (lb/gl)	11.793
Specific gravity(H2O = 1)	1.416
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	145,000 p

Section 10	Reactivity and Stability
Reactivity	No data available
Chemical stability	Stable
Possibility of hazardous reactions	No data available
Conditions to avoid	Excessive heat, oxidizing agents and acids. Do not mix with other materials.
Incompatible materials	No data available
Hazardous decomposition products	None known.

Section 11	Toxicological Information		
Ingredient	Cas#	ORAL LD 50 mg/kg	SKIN LD 50 mg/kg
Diethylene glycol	111-46-6	12,565 Rat Category: NA	11,890 rabbit category: NA
Monoethanolamine	141-43-5	1720 Rat 700 – Mouse Category: NA	1000 rabbit category: NA
*Ethylene Glycol	107-21-1	no data available	no data available
*Ammonium Hydroxide (20-30% NH3)	1336-21-6	no data available	no data available

*Indicates toxic chemicals subject to the reporting requirement of section 313 of TITLE III and of 40 CFR 372 and/or listed under Prop 65 as of 6/19/09.

Warning: This product contains trace amounts of the following chemicals known to the state of California to cause cancer.

Nickel

Cobalt Metal Powder

Carcinogenicity: NTP Carcinogen: NO IARC Monographs: NO OSHA Regulated : YES

CLASSIFICATION	CATEGORY	HAZARD DESCRIPTION
Acute toxicity (Oral)	---	Not applicable
Acute toxicity (Dermal)	---	Not applicable
Acute toxicity (inhalation)	---	Not applicable
Skin corrosion/irritation	---	Not applicable
Serious eye damage/ irritation	---	Not applicable
Respiratory sensitization	---	Not applicable
Skin sensitization	---	Not applicable
Germ cell mutagenicity	---	Not applicable
Carcinogenicity	---	Not applicable
Reproductive toxicity	---	Not applicable
STOT – Single exposure	---	Not applicable
STOT- Repeated exposure	---	Not applicable
Aspiration hazard	---	Not applicable

Section 12 Ecological Information

Toxicity

No additional information provided for this product. See Sections 2 & 3 for chemical specific data.

Aquatic Ecotoxicity

No additional data available

Bioaccumulative potential

No additional data available

Persistence and degradability

No additional data available

Mobility in soil

No additional data available

Other adverse effects

No additional data available

Section 13 Disposal Considerations

Dispose in accordance with Federal, State and Local regulations.

Section 14 Transportation Information

International Regulation

UNRTDG

Not regulated as a dangerous good.

IATA-DGR

Not regulated as a dangerous good.

IMDG- Code

Not regulated as a dangerous good.

Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code
Not applicable for product as shipped.

National Regulations

49 CFR

Not regulated as a dangerous good.

Section 15 **Regulatory Information**

Overview: the regulatory data in Section 15 is not intended to be all inclusive, only selected regulations are represented.

Warning: This product contains trace amounts of the following chemicals known to the state of California to cause cancer: Nickel, Cobalt metal powder.

Section 16 **Other Information**

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