

1: Identification

GHS Product identifier 101428 – INKROLL- BLACK
Other means of identification Printing Ink
Recommended use of the chemical and restrictions on use For use in a labeling gun. None known.
Supplier's identifier maxill inc., 80 Elm Street, St. Thomas, Ontario, CANADA, N5R 6C8, 1-800-268-8633
 maxill inc., 500 West Main Street, Cortland, OH, USA, 44410, 1-800-268-8633
Emergency phone number Velocity EHS Emergency Response Services
 Canada & US: 1-800-255-3924, International: +1-813-248-0585

2: Hazard identification

<i>Classification of the substance or mixture</i> Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2
Reproductive toxicity	Category 2
Germ Cell mutagenicity	Category 2
Chronic Aquatic Toxicity	Category 4

GHS label elements, including precautionary statements



Signal word	Warning
Hazard statement	Obtain, read and follow all safety instructions before use. Causes skin irritation. Causes serious eye irritation. Suspected of causing genetic defects. Suspected of damaging fertility or the unborn child. May cause long lasting harmful effects to aquatic life.
Prevention	Wash hands thoroughly after handling. Wear protective gloves. Do not touch eyes. Wear eye protection. Avoid release to the environment.
Response	IF exposed or concerned, get medical advice. IF ON SKIN: Wash with plenty of water. Specific treatment (see First Aid Measures in Section 4). If skin irritation occurs: Get medical help. Take off contaminated clothing and wash it before reuse. 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 help.
Storage	Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards which do not result in classification None known.

3: Composition/information on ingredients

CAS No.	Component	Percent
8005-02-5	Solvent Black 7	3-7%
2390-60-5	Basic Blue 7	1-5%
495-54-5	Solvent Orange 3	1-5%
52080-58-7	Solvent Violet 8	1-5%
62-53-3	Aniline	0.1-1%
90-94-8	Michler's Ketone	0.1-1%

4: First-aid measures

Description of necessary first-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with plenty of soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical help.
Ingestion	Rinse mouth. Get medical help if you feel unwell.

Most important symptoms/effects, acute and delayed Eye and skin irritation

Indication of immediate medical attention and special treatment needed, if necessary Treat symptomatically.

5: Fire-fighting measures

Suitable extinguishing media Water fog. Dry chemical powder. Foam.

Specific hazards arising from the chemical

If containers cannot be removed from the area, keep containers cool with water spray.

Special protective equipment and precautions for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors/spray. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. For personal protection, see Sec. 8 of the SDS.

Environmental precautions Avoid discharge into drains, water courses or onto the ground.

Methods and materials for containment and cleaning up

Small Spills: Absorb with vermiculite or sand, and or other suitable material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination. For waste disposal, see Sec. 13 of the SDS.

7: Handling and storage

Precautions for safe handling

Avoid contact with eyes and skin. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Store in tightly closed container. (see Sec. 10 of the SDS).

8: Exposure controls/personal protection

Control parameters

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<u>Component</u>	<u>Type</u>	<u>Value</u>
Aniline 62-53-3	TWA	5 ppm

Appropriate engineering controls

Good general ventilation should be used; local exhaust ventilation or general ventilation to maintain airborne levels below recommended exposure limits.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection	Eye protection.
Skin (hand) protection	Wear appropriate chemical resistant gloves. Nitrile, butyl rubber or neoprene gloves are recommended. Other suitable gloves can be recommended by the glove supplier. Be aware that the liquid may penetrate the gloves.
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level, an approved respirator must be worn.
Thermal hazards	Not applicable.

9: Physical and chemical properties and safety characteristics

Physical state	Foam matrix impregnated with slightly viscous black liquid.
Colour	Information not available (N/Av)
Odour	Slight
Melting point / freezing point	Information not available (N/Av)
Boiling point	Information not available (N/Av)
Flammability	Not applicable
Lower and upper explosion limit / flammability limit	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Information not available (N/Av)
pH	Information not available (N/Av)

Kinematic viscosity	Information not available (N/Av)
Solubility	Information not available (N/Av)
Partition coefficient: <i>n</i> -octanol/water	Information not available (N/Av)
Vapour pressure	Information not available (N/Av)
Density or specific gravity	Information not available (N/Av)
Relative vapour density	Information not available (N/Av)
Particle characteristics	Not applicable

10: Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous reactions No dangerous reaction is known.

Conditions to avoid Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
Avoid contact with incompatible materials.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition products No hazardous decomposition products are known.

11: Toxicological information

Information on the likely routes of exposure

Inhalation May cause drowsiness and dizziness.

Skin contact Causes skin irritation.

Eye contact Causes serious eye irritation.

Ingestion May be harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

May cause drowsiness and dizziness. Causes skin irritation. Causes serious eye irritation and symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Delayed and immediate effects and also chronic effects from short- and long-term exposure

Acute toxicity May be harmful if swallowed.

Skin corrosion/irritation Prolonged or repeated skin contact may cause drying, cracking, or irritation.

Serious eye damage/eye irritation Causes skin irritation. Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization May cause skin sensitization.

Germ cell mutagenicity

No data available.

Carcinogenicity One or more of the components is a suspected carcinogen and listed by IARC.

Reproductive toxicity One or more of the components are known reproductive toxicants.

Specific target organ toxicity - single exposure No data available.

Specific target organ toxicity - repeated exposure No organs stated.

Aspiration hazard Not an aspiration hazard.

Chronic effects Prolonged inhalation may be harmful.

Numerical measures of toxicity (such as acute toxicity estimates) See below, "Mixtures"

Interactive effects Information not available.

Where specific chemical data are Information not available Information not available.

Mixtures

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	-	-	-	-	-
Solvent Orange 3	495-54-5	1650	mg/kg	Rat	-	-	-	-	-
Solvent Violet 8	52080-58-7	1400	mg/kg	Rat	-	-	-	-	-
Cyanox 2246	119-47-1	5000	mg/kg	Rat	10000	mg/kg	Rabbit	5	mg/l
Aniline	62-53-3	250	mg/kg	Rat	836	mg/kg	Rabbit	248	ppm

Mixture versus ingredient information

Information not available.

Other information Information not available.

12: Ecological information

Toxicity No data is available on the mixture itself.

Component	Toxicity to Fish	Toxicity to Invertebrates	Toxicity to Algae
Cyanox	>5.0 mg/L 96hr (O. latipes)	>4.8 mg/L 48hr (D. magna)	>5.0 mg/L 72hr (Selenastrum)
Aniline	10.6 mg/L 96hr (O. mykiss)	80 mg/L 48hr (D. magna)	19 mg/L 72hr (Selenastrum)

Persistence and degradability

No data is available on the mixture.

Bioaccumulative potential

No data is available on the mixture.

Mobility in soil No data is available on the mixture.

Other adverse effects

No other adverse environmental effects are expected from this mixture.

13: Disposal considerations

Disposal methods

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.

14: Transport information

UN Number Not applicable.

UN Proper Shipping Name Not applicable.

Transport hazard class(es) Not applicable.

Packing group, if applicable Not applicable

Environmental hazards Information is not available.
Special precautions for user Information is not available.
Transport in bulk according to IMO instruments Not applicable.

15: Regulatory information

Safety, health and environmental regulations specific for the product in question Information is not available.

16: Other information

Disclaimer

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