Safety Data Sheet

SDS # : A-2089

Toner
Premix/Replenisher/Concentrate/Intensifier - Black

Issuing Date 1994-07-26  Revision Date 2015-06-04  Version 3  Active

1. Product and Company Identification

Trade Name
- Toner Premix
- Replenisher
- Toner Concentrate
- Intensifier

Part no.
026R00389, 026R00393, 026R00397, 026R00401, 026R00430, 026R00434, 026R00438

Color
Black

Pure substance/preparation
Preparation

Identified uses
Ink jet printing

Supplier Address
Xerox Corporation
Rochester, NY 14644

Xerox Canada LTD.
5650 Yonge Street
North York, Ontario M2M4G7

Emergency telephone
Safety Information US: (800) 275-9376
Chemical Emergency only (Chemtrec) (800) 424-9300

2. Hazards Identification

DANGER

Emergency Overview
Flammable liquid
Aspiration hazard if swallowed - can enter lungs and cause damage

<table>
<thead>
<tr>
<th>Color</th>
<th>Appearance</th>
<th>Physical state</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>Opaque</td>
<td>Liquid</td>
<td>Faint</td>
</tr>
</tbody>
</table>

Classification of the substance or mixture

Consumers
- Aspiration Toxicity  Category 1
- Flammable liquids  Category 3
GHS Label elements, including precautionary statements

Signal Word

<table>
<thead>
<tr>
<th>Hazard Statements</th>
<th>Precautionary Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>H304 - May be fatal if swallowed and enters airways</td>
<td>P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician</td>
</tr>
<tr>
<td>H226 - Flammable liquid and vapor</td>
<td>P331 - Do NOT induce vomiting</td>
</tr>
<tr>
<td></td>
<td>P405 - Store locked up</td>
</tr>
<tr>
<td></td>
<td>P501 - Dispose of contents/container to an approved waste disposal plant</td>
</tr>
<tr>
<td></td>
<td>P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking</td>
</tr>
<tr>
<td></td>
<td>P233 - Keep container tightly closed</td>
</tr>
<tr>
<td></td>
<td>P240 - Ground/Bond container and receiving equipment</td>
</tr>
<tr>
<td></td>
<td>P241 - Use explosion-proof electrical/ventilating/lighting/equipment</td>
</tr>
<tr>
<td></td>
<td>P242 - Use only non-sparking tools</td>
</tr>
<tr>
<td></td>
<td>P243 - Take precautionary measures against static discharge</td>
</tr>
<tr>
<td></td>
<td>P280 - Wear protective gloves/protective clothing/eye protection/face protection</td>
</tr>
<tr>
<td></td>
<td>P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.</td>
</tr>
<tr>
<td></td>
<td>Rinse skin with water/shower</td>
</tr>
<tr>
<td></td>
<td>P403 + P235 - Store in a well-ventilated place. Keep cool</td>
</tr>
<tr>
<td></td>
<td>P370 + P380 + P375 - In case of fire, use water/water spray/water jet/chemical</td>
</tr>
<tr>
<td></td>
<td>dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction</td>
</tr>
</tbody>
</table>

Other hazards which do not result in classification

Potential Health Effects

Principle Routes of Exposure

Skin contact, Inhalation

Acute toxicity

- Eyes: None under normal use
- Skin: Prolonged or repeated contact may dry skin and cause irritation
- Inhalation: None under normal use
- Ingestion: Potential for aspiration if swallowed

Chronic effects

Main symptoms: Prolonged contact may produce skin, eye and respiratory tract irritation.

Aggravated medical conditions: Dermatitis

Environmental hazard: See Section 12 for additional Ecological Information
4. First Aid Measures

General advice
For external use only. When symptoms persist or in all cases of doubt seek medical advice. Show this material safety data sheet to the doctor in attendance.

Eye contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists, call a physician.

Skin contact
Wash skin with soap and water. Consult a physician if necessary.

Inhalation
Move to fresh air.

Ingestion
If accidentally swallowed obtain immediate medical attention. Do NOT induce vomiting.

Notes to physician
Aspiration hazard if swallowed - can enter lungs and cause damage.

Protection of first-aiders
No special protective equipment required.

5. Fire-Fighting Measures

Flammable properties
Flammable

Flash point
39-42 °C / 102-107 °F

Method
Tag closed cup

Suitable extinguishing media
Water spray, dry chemical, carbon dioxide (CO₂), or foam

Unsuitable extinguishing media
No information available

Specific hazards arising from the chemical
In the event of fire and/or explosion do not breathe fumes.

Hazardous combustion products
May emit toxic fumes under fire conditions. Hazardous decomposition products due to incomplete combustion, Carbon monoxide.

Explosion Data

Sensitivity to Mechanical Impact
Not impact sensitive

Sensitivity to Static Discharge
Not sensitive

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
6. Accidental Release Measures

Personal Precautions
Avoid contact with the skin and the eyes. Use personal protective equipment. Remove all sources of ignition.

Methods for containment
Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Methods for cleaning up
Wipe up with adsorbent material (e.g. cloth, fleece). Wash off with cold water.

Other Information
The environmental impact of this product has not been fully investigated. However, this preparation is not expected to present significant adverse environmental effects.

7. Handling and Storage

Advice on safe handling
Handle in accordance with good industrial hygiene and safety practice

Technical measures/Storage conditions
Keep container tightly closed in a dry and well-ventilated place
Keep away from heat and sources of ignition

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice

8. Exposure Controls/Personal Protection

Exposure guidelines
Xerox Exposure Limit
200ppm (Isoparaffinic hydrocarbon solvent)

Other Information
No hazardous exposure expected under normal use conditions.

Occupational Exposure Controls

Engineering measures
None under normal use conditions.

Personal Protective Equipment

Consumer use
These recommendations apply to the product as supplied

Respiratory protection
None under normal use conditions

Eye/Face protection
None under normal use conditions

Skin and body protection
None under normal use conditions

Hand protection
Protective gloves

9. Physical and Chemical Properties
SDS # : A-2089  
Toner  
Premix/Replenisher/Concentrate/Intensifier - Black  

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Opaque</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point</td>
<td>39-42 °C / 102-107 °F</td>
</tr>
<tr>
<td>Softening point</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

| Volatility | 85% (weight) |
| Volatile Organic Compounds | 660 - 730 g/L |
| Fiammability Limits in Air |  
| Vapor pressure | 1 mmHg @ 20 °C |
| Vapor density | 5.0 (air = 1) |
| Water solubility | Immiscible in water |
| Viscosity | No information available |
| Partition coefficient | No information available |
| Evaporation rate | 0.3 (BuAc = 1) |
| Melting point/range | Not applicable |
| Freezing point | No information available |
| Decomposition temperature | Not determined |
| Specific gravity | 0.77 (water = 1) |

10. Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use

Stability: Stable under normal conditions

Incompatible products: Strong oxidizing agents, Liquid chlorine, Sodium/calcium hypochlorite

Conditions to Avoid: Keep away from open flames, hot surfaces and sources of ignition

Hazardous Decomposition Products: May emit toxic fumes under fire conditions

Hazardous polymerization: Hazardous polymerization does not occur

Hazardous reactions: None under normal processing

11. Toxicological Information

Acute toxicity

Product information

Irritation: Human Patch: Non-irritating, non-sensitizing.
Prolonged or repeated contact may dry skin and cause irritation

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isoparaffinic hydrocarbon solvent</td>
<td>5000 mg/kg (Rat)</td>
<td>3160 mg/kg (Rabbit)</td>
<td></td>
</tr>
</tbody>
</table>
Chronic toxicity

Chronic effects
No known effects under normal use conditions

Main symptoms
Prolonged contact may produce skin, eye and respiratory tract irritation.

Aggravated medical conditions
Dermatitis

Carcinogenicity
Contains no ingredient listed as a carcinogen

Other toxic effects

Product information

Sensitization
Not a sensitizer

Mutagenic effects
Not mutagenic

Teratogenicity
Rat inhalation at 900 ppm not fetotoxic or teratogenic

Target organ effects
No information available

Aspiration Hazard
Aspiration into lungs can produce severe lung damage

Other adverse effects
None known

12. Ecological Information

Ecotoxicity
The environmental impact of this product has not been fully investigated.

Component information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to microorganisms</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isoparaffinic hydrocarbon solvent</td>
<td>LC50= 2200 mg/L</td>
<td>Pimephales promelas 96 h</td>
<td></td>
<td>LC50 = 2.6 mg/L 96 h</td>
</tr>
</tbody>
</table>

Persistence and degradability
No product level data available

Bioaccumulation
No product level data available

Mobility
No product level data available

Component information

Other adverse effects
No information available

13. Disposal Considerations

Waste Disposal Methods
Dispose of as D001 Hazardous waste
Dispose of in accordance with local regulations

Contaminated packaging
Dispose of in accordance with local regulations.

US EPA Waste Number
D001

14. Transport Information

Note
Subject to regulation as noted below
Exceptions may apply

DOT
Proper shipping name
Combustible liquid

Hazard class
Combustible liquid
Packing Group  III
Exceptions  Combustible Liquids: 49CFR 175.150(F)

ICAO/IATA
Proper shipping name  Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)
Hazard class  3
UN/ID No  UN1993
Packing Group  III
Exceptions  2.7 Limited Quantities

IMDG/IMO
Proper shipping name  Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)
Hazard class  3
UN/ID No  UN1993
Packing Group  III
Exceptions  3.4 Limited Quantities

15. Regulatory Information

International Inventories
TSCA
Complies

U.S. 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
Fire Hazard  Yes
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).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

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.

TSCA
TSCA 12(b) does not apply to this product.

U.S. State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations
Proprietary ingredients are claimed as a trade secret by a Xerox supplier. The following is a list of States and trade secret numbers:

<table>
<thead>
<tr>
<th>State</th>
<th>Massachusetts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret No.</td>
<td>99-125-001 or -005</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>State</th>
<th>New Jersey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret No.</td>
<td>800814-5000, 800814-5001, 800814-5002, 800814-5003</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>State</th>
<th>New York</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret No.</td>
<td>218 or 212</td>
</tr>
</tbody>
</table>
EU REACH
This substance has been registered according to Regulation (EC) No. 1907/2006 (REACH).
This substance has been pre-registered according to Regulation (EC) No. 1907/2006 (REACH).

Canada
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

16. Other Information

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issuing Date</td>
<td>1994-07-26</td>
</tr>
<tr>
<td>Revision Date</td>
<td>2015-06-04</td>
</tr>
<tr>
<td>Revision Note</td>
<td>Updated for OSHA HazCom 2012 and WHMIS 2015</td>
</tr>
</tbody>
</table>

Disclaimer
The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

end