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# Safety Data Sheet

IN CASE OF POISONING  
 CALL YOUR POISON CONTROL CENTER AT  
 800-222-1222 (24 HOURS)

**DATE OF ISSUE: May 22, 2018**  
**REVISION DATE: September 11, 2019**

1. **PRODUCT IDENTIFICATION**

Product ID#: DE401  
 Product Name: Tracing Black  
 Recommended Use: Industrial use only  
 Uses advised against: Toys and food contact  
 Supplier Name: Schilling Inc.  
 Responsible Party: Schilling Inc.

2. **HAZARD(S) IDENTIFICATION**

**Classification of the substance or mixture**

Health Hazard	Category 2
Environment	Category 1
Acute Toxicity	Category 4

**Symbol(s)**  
 Xn-Health Hazard  
 N-Environment  
 Xi-Acute Toxicity



**Signal Word**  
 Danger

**Hazard Statements**  
 H302 Harmful if swallowed  
 H312 Harmful in contact with skin

## 2. HAZARD(S) IDENTIFICATION CONT.

H332 Harmful if inhaled  
H351 Suspected of causing cancer  
H360 May damage fertility or the unborn child  
H371 May cause damage to organs  
H412 Harmful to aquatic life with long lasting effects

### **Precautionary statements**

#### **General**

P102 Keep away from children  
P103 Read label before use

#### **Prevention**

P233 Keep container tightly closed  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray  
P262 Do not get in eyes, on skin, or on clothing  
P263 Avoid contact during pregnancy/while nursing  
P264 Wash hands/skin thoroughly after handling  
P270 Do not eat, drink, or smoke when using this product  
P272 Contaminated work clothing should not be allowed out of the workplace  
P273 Avoid release into the environment  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P284 Wear respiratory protection

#### **Response**

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
P304+P311 IF INHALED: Call a POISON CENTER or doctor/physician  
P306+P362 IF ON CLOTHING: Take off contaminated clothing and wash before re-use  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

#### **Storage**

P405 Store locked up

### **Other Hazards**

Contains lead and/or cadmium which are known cancer hazards  
Should not be used on children's products or food surfaces

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS#
Silica Sand, Quartz	14808-60-7
Frit	65997-18-4
C.I. Pigment Black 28	68186-91-4
C.I. Pigment Black 27	68186-97-0

\*Specific chemical identity and/or percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

##### **Description of first aid measures**

**Eye contact:** Rinse immediately for at least 15 minutes with plenty of water also under the eyelids.

**Skin contact:** Wash off immediately with plenty of soap and water. Remove and wash contaminated clothing before re-use

**Ingestion:** Immediately contact a doctor

**Inhalation:** Immediately contact a doctor

**Notes to doctor:** If swallowed, gastric irrigation

**Most important symptoms and effects, both acute and delayed-**Headache, cramps, gastric or intestinal disorders, nausea. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident

**Indication of immediate medical attention and special treatment needed :** If swallowed, gastric irrigation

**Protection of first-aiders:** Treat symptomatically

#### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media** Use fire fighting measures that suit the environment

**Unsuitable extinguishing media** Do not use solid water stream as it may scatter and spread fire

**Special exposure hazards** Formation of toxic gases is possible during heating or in case of fire

**Special protective equipment for fire fighters** As in any fire, wear self-contained breathing apparatus and full protective gear

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** Avoid formation of dust

**Methods and materials for containment and cleaning up** Wear personal protective equipment. Dispose of in accordance with federal, state and local regulations. Do not allow product to reach sewage system or any water course. Ensure adequate ventilation

#### 7. HANDLING AND STORAGE

**Precautions for safe handling** Prevent formation of dust. Ensure good ventilation/exhaustion at the workplace. Use personal protective equipment

**Conditions for safe storage** Keep tightly closed in a dry, cool and well-ventilated place. Keep product away from foodstuffs

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	WT%	TLV	PEL
Cadmium CPDS	0-6	0.01 MG CD/CU M AIR TWA	0.005 MG CD/CU M AIR TWA
Cobalt CPDS	0-9	0.02 MG CO/CU M AIR TWA	0.02 MG CO/CU M AIR TWA
Insol Chromium CPDS	7-17	0.5 MG CR/CU M AIR TWA	0.5 MG CR/CU M AIR TWA
Copper (Dusts/Mists)	0-5	1.0 MG CU/CU M AIR TWA	1.0 MG CU/CU M AIR TWA
Iron CPDS	0-9	5.00 MG FE/CU M AIR TWA	5.00 MG FE/CU M AIR TWA
Inorg. Lead CPDS	25-35	0.05 MG PB/CU M AIR TWA	0.05 MG PB/CU M AIR TWA
Silica, Quartz	0-5	0.25 MG SI/CU M AIR TWA	0.05 MG SI/CU M AIR TWA
Titanium	0-6	10.00 MG TI/CU M AIR TWA	10.00 MG TI/CU M AIR TWA
Zirconium CPDS	0-6	5.00 MG ZR/CU M AIR TWA	5.00 MG ZR/CU M AIR TWA

**Engineering controls** Provide appropriate exhaust ventilation at machinery and at places where dust or fumes can be generated. Ensure that eyewash stations and safety showers are proximal to the workstation location.

**Personal protection measures** Safety glasses with side-shields, rubber gloves, protective clothing such as impervious plastic overalls or aprons with sleeve covers, NIOSH approved respirators equipped with fume, and mist H.E.P.A. filter cartridges during all handling operations recommended. Follow manufacturers recommendations. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

**Environmental controls** Prevent product from entering drains. Do not allow material to contaminate ground water system.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General information

**Appearance** Powder

**Odor** Odorless

### Important health safety and environmental information

<b>pH</b>	No information available
<b>Melting point/freezing point</b>	No information available
<b>Boiling point/boiling range, F</b>	No information available
<b>Flash point, F</b>	Not applicable
<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Upper/lower flammability exp. Limits</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Relative density</b>	No information available
<b>Solubility(ies)</b>	Insoluble

<b>Partition coefficient</b>	No information available
<b>Auto-ignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity</b>	No information available

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	No data Available
<b>Chemical Stability</b>	Stable under normal conditions
<b>Possibility of Hazardous Reactions</b>	No dangerous reactions known
<b>Conditions to avoid</b>	No information available
<b>Incompatible materials</b>	No information available
<b>Hazardous decomposition products</b>	Toxic metal oxide smoke

**11. TOXICOLOGICAL INFORMATION**

<b>Routes of exposure</b>	Oral, Dermal, Inhalative
<b>Symptoms related to exposure</b>	Not determined
<b>Chronic effects from exposure</b>	Damage to fertility, birth defects, organ damage
<b>Acute toxicity</b>	Damage to fertility, birth defects, organ damage
<b>Carcinogenic effects</b>	Suspected of causing cancer

**12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	Toxic to fish and aquatic organisms
<b>Persistence and degradability</b>	No information available
<b>Bioaccumulative potential</b>	No information available
<b>Mobility in soil</b>	No information available
<b>Other adverse effects</b>	No information available

**13. DISPOSAL CONSIDERATIONS**

<b>Waste treatment methods</b>	Do not dispose together with household garbage
<b>Waste from residue/unused products</b>	Dispose of in accordance with local regulations
<b>Contaminated packaging</b>	Take to approved waste handling/recycling center
<b>Safe handling</b>	See section 8 for more information

**14. TRANSPORTATION INFORMATION**

<b>DOT</b>	Not regulated
<b>ADR/RID</b>	Not regulated
<b>IMDG</b>	Not regulated
<b>IATA</b>	Not regulated

## 15. REGULATORY INFORMATION

### Chemical Inventories Status

U.S.A. TSCA	Compliant
European Community (EINECS)	Compliant
Canada (DSL)	Compliant
Australia (AICS)	Compliant
Japan (IEC)	Compliant
Korea (KECI)	Compliant
Philippines (PICCS)	Compliant
China (SEPA/CICS)	Compliant

## 16. OTHER INFORMATION

### Symbol(s)

Xn-Health Hazard  
N-Environment  
Xi-Acute Toxicity

### Signal Word

Danger

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**Storage**

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**California Proposition 65:**

**WARNING:** This product can expose you to chemicals including lead which is known to the State of California to cause cancer and birth defects or other reproductive harm.

**DISCLAIMER**

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgements of suitability of this information to ensure proper use and protect the health and safety of employees. The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.

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