

SAFETY DATA SHEET

POWDER RELEASE

FILE NO.:

DATE: 09/05/2024

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Powder Release
SYNONYMS: RA
PRODUCT CODES: 1005,1100,1101,1102,1103,1104,1105,1106,1107,1108,1109,1111,1115,1200,1250,1300,1310,1320,1330,1350,1375,1400,1425,1445,1500,1515,1525,1550,1575,1600,1615,1625,1650,1700,1775,1810,1815,1820,1825,1900

MANUFACTURER: Absolute Concrete Products
DIVISION:
ADDRESS: 144 S. Main St. Union, OR 97883

EMERGENCY PHONE: 1-800-535-5053 (24 Hour)
INFOTRAC PHONE: +1-352-323-3500 or 1-800-535-5053
OTHER CALLS: (541) 562-2000

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazard statements

Harmful if inhaled
Suspected of causing cancer

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area

ACUTE HEALTH HAZARDS:

Acute toxicity - Oral	No evidence of adverse effects from available data.
Acute toxicity - Dermal	May cause mechanical irritation, soiling and skin drying. No cases of sensitization in humans have been reported.
Acute toxicity - Inhalation (Dusts/Mists)	Temporary discomfort to upper respiratory tract may occur due to mechanical irritation when exposures are well above the occupational exposure limit.
Carcinogenicity	Category 2

CHRONIC HEALTH HAZARDS:

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

CARCINOGENICITY

OSHA: ACGIH: NTP: IARC:
OTHER:

SECTION 2 NOTES:

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

SYNONYMS:

115, 250, 310, 320, 330, 650, 735, 900, 1000, 1020, 1030, 1035, 1040, 1070, 1090

INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Yellow Iron Oxide	51274-00-1	0-15	*

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Titanium Dioxide	13463-67-7	0-14	*
Red Iron Oxide	1309-37-1	0-15	*
Inorganic Filler	Proprietary	0-25	*
Chrome Oxide	1308-38-9	0-15	*
Carbon Black	1333-86-4	0-15	*
Black Iron Oxide	1317-61-9	0-15	*
Proprietary Release Agent	Proprietary	0-25	*
Cobalt Blue	1345-16-0	0-15	*

SECTION 2 NOTES:

*The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

GENERAL:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

EYES:

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing if eye irritation persists: Get medical advice/attention

SKIN:

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash skin with soap and water.

Wash contaminated clothing before reuse

If skin irritation or rash occurs: Get medical advice/attention

INGESTION:

IF SWALLOWED: Rinse mouth.

Clean mouth with water and drink afterwards plenty of water.

DO NOT induce vomiting

INHALATION:

If breathing is difficult, 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

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

No known significant effects or critical hazards.

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

UNSUITABLE EXTINGUISHING MEDIA:

Caution: Use of water spray when fighting fire may be inefficient.

SPECIAL FIRE FIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None

HAZARDOUS DECOMPOSITION PRODUCTS:

None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Methods for containment

Prevent further leakage or spillage if safe to do so.

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Methods for cleaning up
Pick up and transfer to properly labeled containers.

Prevention of secondary hazards
Clean contaminated objects and areas thoroughly observing environmental regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:
Handle in accordance with good industrial hygiene and safety practice.

Storage Conditions
Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials
None known based on information supplied.

SECTION 7 NOTES:
Recommended Use Restricted to professional users.
Uses advised against Consumer use

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Titanium Dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³
Red Iron Oxide 1309-37-1	TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ fume TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 10 mg/m ³ fume and total dust Iron oxide (vacated) TWA: 5 mg/m ³ respirable fraction regulated under Rouge	IDLH: 2500 mg/m ³ Fe dust and fume TWA: 5 mg/m ³ Fe dust and fume
Inorganic Filler	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable fraction	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 10 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
Chrome Oxide 1308-38-9	TWA: 0.5 mg/m ³ Cr	TWA: 0.5 mg/m ³ Cr (vacated) TWA: 0.5 mg/m ³ Cr	IDLH: 25 mg/m ³ Cr(III) TWA: 0.5 mg/m ³ Cr
Carbon Black 1333-86-4	TWA: 3 mg/m ³ inhalable fraction	TWA: 3.5 mg/m ³ (vacated) TWA: 3.5 mg/m ³	IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH
Proprietary Release Agent	TWA: 10 mg/m ³ except stearates of toxic metals	-	-
Cobalt Blue 1345-16-0	TWA: 0.02 mg/m ³ Co TWA: 1 mg/m ³ respirable fraction	-	-

ENGINEERING CONTROLS:
Showers
Eyewash stations
Ventilation systems

VENTILATION:
Ensure adequate ventilation, especially in confined areas.

RESPIRATORY PROTECTION:

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If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

EYE PROTECTION:

Wear safety glasses with side shields (or goggles).

SKIN PROTECTION:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Use personal protective equipment as required.

WORK HYGIENIC PRACTICES:

Handle in accordance with good industrial hygiene and safety practice.

SECTION 8 NOTES:

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See Section 12 for additional ecological information.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Powder

ODOR:

Odorless

PHYSICAL STATE:

Powder

COLOR:

Light Amber to Black

PROPERTY	Value
pH	No information available
Melting point/freezing point	No information available
Boiling point / boiling range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Specific Gravity	No information available
Water solubility	No information available
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available
Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	No information available

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY:

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Stable under recommended storage conditions.

CONDITIONS TO AVOID (REACTIVITY):

No information available

INCOMPATIBILITY (MATERIAL TO AVOID):

None known based on information supplied.

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HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

None known based on information supplied.

HAZARDOUS POLYMERIZATION:

None known based on information supplied.

CONDITIONS TO AVOID (POLYMERIZATION):

None known based on information supplied.

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation No data available.
Eye Contact No data available.
Skin Contact No data available.
Ingestion No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium Dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
Red Iron Oxide 1309-37-1	> 10000 mg/kg (Rat)	-	-
Carbon Black 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-
Black Iron Oxide 1317-61-9	> 15400 mg/kg (Rat)	-	-
Proprietary Release Agent	> 10 g/kg (Rat)	-	-

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity No information available.

Chemical Name	ACGIH	IARC	NTP	OSHA
Titanium Dioxide 13463-67-7	-	Group 2B	-	X
Red Iron Oxide 1309-37-1	-	Group 3	-	-
Chrome Oxide 1308-38-9	-	Group 3	-	-
Carbon Black 1333-86-4	A3	Group 2B	-	X
Cobalt Blue 1345-16-0	A3	Group 2B	-	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Not classifiable as a human carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Target Organ Effects Eyes, lungs, Lymphatic System, Respiratory system, Skin.
Aspiration hazard No information available

Numerical measures of toxicity - Product Information

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The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 28605 mg/kg
ATEmix (dermal) 30030 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Carbon Black 1333-86-4	-	-	5600: 24 h Daphnia magna mg/L EC50

Persistence and degradability
No information available.

Bioaccumulation
No information available.

Other adverse effects
No information available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Disposal of wastes
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging
Do not reuse container.

Chemical Name	California Hazardous Waste Status
Chrome Oxide 1308-38-9	Toxic Corrosive Ignitable
Cobalt Blue 1345-16-0	Toxic

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION
Not Regulated

SECTION 15: REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL/NDSL Complies
EINECS/ELINCS Complies
ENCS Complies
IECSC Complies
KECL Complies
PICCS Complies
AICS Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

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AICS - Australian Inventory of Chemical Substances

U.S. FEDERAL REGULATIONS

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

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

311/312 HAZARD CATEGORIES:

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

313 REPORTABLE INGREDIENTS:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
Chrome Oxide - 1308-38-9	1.0
Cobalt Blue - 1345-16-0	0.1

CWA (Clean Water Act)

Chemical Name	CWA – Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA – Hazardous Substances
Chrome Oxide 1308-38-9	-	X	-	-

STATE REGULATIONS:

California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Titanium Dioxide - 13463-67-7	Carcinogen
Carbon Black - 1333-86-4	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Titanium Dioxide 13463-67-7	X	X	X
Red Iron Oxide 1309-37-1	X	X	X
Inorganic Filler	X	X	X
Chrome Oxide 1308-38-9	X	X	X
Carbon Black 1333-86-4	X	X	X
Cobalt Blue 1345-16-0	X	-	X

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES:

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SECTION 16: OTHER INFORMATION

NFPA

Reactivity	0
Physical and Chemical Properties	-
Health hazards	0
Flammability	0
Physical hazards	0
Personal protection	X

DISCLAIMER:

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 a 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.