

MATERIAL SAFETY DATA SHEET

Powder Release Agent

SECTION 01: PRODUCT IDENTIFICATION

Product Identifier:	Powder Release Agent
Product Use:	Concrete Stamping Release Agent, All RA Products, 24 Colors
Manufacturer's Name:	Concretech Inc., #106, 2567- 192 Street, Surrey, BC, V3S 3X1, Canada
Supplier's Name	Concretech Inc., #106, 2567- 192 Street, Surrey, BC, V3S 3X1, Canada
Preparation Date of MSDS:	October 13 th , 2006
Revision Date of MSDS:	April 11 th , 2011
MSDS Prepared By:	Farhad Kazemian
Phone Number of Preparer:	1 604 210 1147
Emergency Phone Number	1 888 503 6780

SECTION 02: HAZARDOUS INGREDIENTS

Ingredients:	%	CAS#	LD/50	ACGIH TLV	Comments
Mixed Iron Oxide	5.0	Proprietary	Not Available	15 mg/m ³	NA
Calcium Carbonate	76.0	1317-65-3	Not Available	10 mg/m ³	NA
Calcium Stearate	14.0	1592-23-0	Not Available	10 mg/m ³	NA
Aluminum Silicate	5.0	1332-58-7	Not Available	2 mg/m ³	NA

SECTION 03: HAZARDOUS IDENTIFICATION

Route of Entry:	Skin= Yes, Eye Contact= Yes ,Inhalation= Yes, Ingestion= No,
Skin Contact:	No adverse effects expected.
Skin Absorption:	Not Established
Eye Contact:	Eye contact by larger amounts of powder may cause moderate eye irritation.
Inhalation:	Inhalation of dust may cause irritation of the respiratory tract.
Ingestion:	Extremely large doses may produce gastrointestinal disturbances.
Emergency Overview:	NA
WHMIS Symbols:	Not Controlled
Potential Health Effects:	Repeated and prolonged exposures to iron oxide dust may cause a benign pneumoconiosis called siderosis.

SECTION 04: FIRST AID MEASURES

Skin Contact:	Wash with soap and water immediately and rinse thoroughly.
Eye Contact:	Remove any contact lenses at once. Flush eyes with water for 5- 10 minutes. If eye irritation persists, get immediate medical attention.
Inhalation:	Remove to fresh air if swallowed. If not breathing, trained personnel should initiate artificial respirations and immediate medical attention should be obtained.
Ingestion:	If large quantities are ingested, seek medical advice.

SECTION 05: FIRE FIGHTING MEASURES

Flammable (Yes / No)	No
Yes	NA
Means of Extinction	Foam, dry chemical, carbon dioxide, water (fog, mist)
Flash Point (°C / Method)	NA
Upper Flammable Limit (% by Volume)	NA
Lower Flammable Limit (% by Volume)	NA

MATERIAL SAFETY DATA SHEET

Autoignation Temperature (°C)	NA
Explosion Data- Sensitivity to Impact	NA
Explosion Data- Sensitivity to Static Discharge	NA
Hazardous combustion Products	None under normal conditions
Special Fire Fighting Procedures	NA

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures	Ventilate area. Keep spectators away. Wear appropriate protection equipment. Sweep up and containerize for reclamation or disposal. Do not allow material to enter drain or waterways.
---------------------------	--

SECTION 07: HANDLING AND STORAGE

Handling Procedures and Equipment	Maintain good personal hygiene. Avoid breathing dust. Wash thoroughly after handling. Wash or vacuum clothing that may have become dusty. Ventilate adequately, otherwise wear an appropriate breathing apparatus.
Storage requirements	Store in cool, dry, well ventilated area, removed oxidizing agents, acids, carbon monoxide, food stuffs.

SECTION 08: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limit	ACGIH TLV	See Section 2
	OSHA PEL	Not Available
	Other	NA
Engineering Controls	General	Ensure natural adequate ventilation in work area.
	Local Exhaust	Local exhaust ventilation as necessary to control any air contaminants, to within their TLVs.
	Other	Minimize dust generation and exposure.
Personal Protective Equipment	Gloves	Rubber gloves
	Respirator	A canister type respirator may be necessary if excessive dust is generated. A NIOSH approved organic vapor mask with a dust/mist pre-filter is recommended
	Eye	Wear dust-proof goggles
	Footwear	Not specified.
	Clothing	Long sleeved cover-alls, ,
	Other	Rubber gloves

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	powder
Odor and Appearance	No odor, comes in 24 different colors, powdery appearance
Odor Threshold (ppm)	NA
Specific Gravity	2.0-2.4 (H2O= 1)
Vapor Density (air = 1)	NA
Vapor Pressure (mmHg)	NA
Evaporation Rate	NA
Flammability Class	Non-flammable
Boiling Point °C	NA
Melting Point °C	NA
Volatile % By Weight	0 % max.
PH	NA

MATERIAL SAFETY DATA SHEET

Coefficient of Water / Oil Distribution	NA
Solubility in Water	1.0 % max.

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability	Stable, under normal condition
Incompatibility With Other Substances	Reacts with strong acids and liberates carbon dioxide.
Reactivity	See above
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, calcium hydroxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Effects on Acute Exposure	Refer to route of entry, Section 3
Effects on Chronic Exposure	Prolonged inhalation of iron oxide dust is known to produce a condition known as siderosis. On X-rays it appears to be a benign pneumoconiosis and is not associated with pulmonary fibrosis or disability unless there is concurrent exposure to other fibrosis-producing materials such as silica.
Irritancy of Product	Mild irritant
Skin Sensitization	NA
Respiratory sensitization	NA
Eye Sensitization	Possible irritation
Ingestion	No adverse effects expected
Carcinogenicity	This material does not contain 0.1% or more of any substance that is listed as a carcinogen by NTP, TARC or OSHA.
Other Toxicity Information	NA
IARC (1,A2 or 2B)	Not listed
ACGIH (A1, A2 or A3)	NA
Reproductive Toxicity	No reproductive effects.
Teratogenicity	Not Established
Embryotoxicity	Not Established
Mutagenicity	Not Established
Name of Synergistic Products / Effects	NA

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity	The main components of this product occur naturally in the earth's crust. It is not anticipated to cause any adverse effects to plants or animals.
------------------	--

SECTION 13: DISPOSABLE CONSIDERATION

Waste Disposal	For small amounts, cover with moist sand or similar, collect and dispose of to an approved landfill site.
----------------	---

SECTION 14: TRANSPORT INFORMATION

Special Shipping Information	NA
PIN	Not Regulated
TDG	Not Regulated
DOT	Not Regulated
IMO	Not Regulated
ICAO	NA

CONCRETECH

106, 2567 - 192 STREET, SURREY, BC, V3S 3X1

#106 2567 192 Street, Surrey, BC V3S 3X1

Phone: 604 210 1147 Fax: 604 357 1344

Toll Free: 1 888 503 6780

Web: www.concretechproducts.com

Email: info@concretechproducts.com

MATERIAL SAFETY DATA SHEET

ERAP	NA
------	----

SECTION 15: REGULATORY INFORMATION

WHMIS Classification	Not Controlled
OSHA	See section 2
Other	NA
TSCA	Not Regulated
DSL / TOSCA	Not Regulated

SECTION 16: OTHER INFORMATION

Regulatory Information	
SARA & WHMIS	These products are not considered as a hazardous substance as defined by SARA title 111 regulations (40 CFR 372).
SARA Section 313 Listed Ingredients	These products do not contain any substance that is subject to the reporting requirements of 40 CFR 372. SARA Classification: Listed.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It is provided solely for the customer's consideration, and verification. Hereby specifically claims. It shall not be held liable for any damage resulting from handling or from contact with the above products.