

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Select Reflex  
**CHEMICAL NAME/SYNONYM:** Mixture

**MANUFACTURER:** Complete Coatings  
**ADDRESS:** 50 N 41<sup>st</sup> Ave  
 Phoenix, AZ 85009

**EMERGENCY PHONE:** (602) 233-0756

**RECOMMENDED USE:** Textured water-based elastomeric finish

### SECTION 2: HAZARDS IDENTIFICATION

**NOTE:** Classification as a carcinogen is based on the inhalation of silica (Category 1A) and/or titanium dioxide (Category 2). Product is a liquid as supplied and dries to a hard film, encapsulating any particulate. Inhalation exposure is unlikely given intended use.

**HAZARD CLASSIFICATION:** Carcinogenicity Category 1A  
 Specific Target Organ Toxicity – Repeated Category 2 (lungs)

**HAZARD PICTOGRAM:**



**SIGNAL WORD:** Danger

**HAZARD STATEMENTS:**

H350: May cause cancer.  
 H372: May cause damage to lungs through prolonged and repeated inhalation exposure.

**PRECAUTIONARY STATEMENTS:**

P201: Obtain special instructions before use.  
 P202: Do not handle until all safety precautions have been read and understood.  
 P260: Do not breathe dust/fume/gas/mist/vapors/spray.  
 P280: Wear eye protection/face protection.  
 P308: If exposed: Get medical advice/attention.  
 P405: Store locked up.  
 P501: Dispose of contents/container to in accordance with local/regional/national/international regulations.

**OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION:** None.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	% WT
Limestone (contains <0.1% quartz)*	1317-65-3	56%
Acrylic polymer	NA	27%
Propylene glycol	57-55-6	3%
Titanium dioxide	13463-67-7	3%
Diatomaceous earth*	68855-54-9	2%

Balance of materials are not classified based on the 2012 OSHA Hazard Communication Standard  
 \*contains respirable silica (quartz); product contains <3% silica

### SECTION 4: FIRST AID MEASURES

**EYES:** Use eye wash fountain or fresh water to cleanse eye for 15 minutes. If irritation persists, seek medical attention.

**SKIN:** Wash skin with soap and water. If irritation persists, seek medical attention.

**INGESTION:** Do not induce vomiting. Seek medical attention immediately.

**INHALATION:** Remove to fresh air and if needed give artificial respiration or oxygen. Seek medical attention immediately.

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### SECTION 5: FIRE-FIGHTING MEASURES

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**EXTINGUISHING MEDIA:** Use extinguishing media that are appropriate to local circumstances and the surrounding environment.

**SPECIAL FIRE FIGHTING PROCEDURES:** Not applicable.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Will not burn. May splatter if temperature exceeds boiling point.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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**GENERAL:** Eliminate all ignition sources. Treat as hazardous waste. Dispose of in agreement with local, state, and federal regulations.

**LAND SPILL:** Contain spill by creating a barrier with absorbent inert materials. Transfer liquid to a container.

**WATER SPILL:** Keep all spills out of sewers, lakes, aquifers, and any other running water or supply. Advise local water authority.

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### SECTION 7: HANDLING AND STORAGE

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**Precautions for safe handling:** Adequately vent work areas. Avoid contact with skin and eyes. Avoid spills. Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

**Conditions for safe storage, including any incompatibilities:** This material should be kept away from freezing temperatures. Avoid contact with microorganisms. Keep container tightly sealed when not in use.

**Storage temperature:** Ambient (>50 °F)  
**Storage pressure:** Atmospheric  
**Special sensitivity:** Keep out of sun

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### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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Ingredient	OSHA PEL (TWA)	ACGIH TLV (TWA)
Limestone (contains <0.1% quartz)	15 mg/m <sup>3</sup> total dust	10 mg/m <sup>3</sup> total dust
Acrylic polymer	None	None
Propylene glycol	None	None
Titanium dioxide	15 mg/m <sup>3</sup> total dust	10 mg/m <sup>3</sup> total dust
Diatomaceous earth	None	None
Crystalline silica (Quartz)	0.1 mg/m <sup>3</sup> respirable dust	0.1 mg/m <sup>3</sup> respirable dust

**ENGINEERING CONTROLS AND VENTILATION:** Vent area with mechanical or local exhaust.

**RESPIRATORY PROTECTION:** If in enclosed area, wear NIOSH-certified respirators.

**EYE PROTECTION:** Chemical splash goggles, safety goggles, or face shield. Eye wash recommended.

**SKIN PROTECTION:** Rubber gloves. Safety shower recommended.

**SECTION 8 NOTES:** PEL: Permissible Exposure Limit, TLV: Threshold Limit Value, TWA: Time Weighted Average

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** White, opaque semi-liquid

**ODOR:** Not applicable

**ODOR THRESHOLD:** Not applicable

**pH AT AS SUPPLIED:** Unknown

**MELTING POINT/FREEZING POINT:** Not applicable

**BOILING POINT AND BOILING RANGE:** 100 °C

**FLASH POINT:** >200 Seta.

# Select Reflex

## SAFETY DATA SHEET

EFFECTIVE DATE: January 01, 2020

EVAPORATION RATE: <1 (butyl acetate = 1)

FLAMMABILITY: Not applicable

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS: LEL <1.26 est.

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: < Air

RELATIVE DENSITY: Not applicable

SOLUBILITY IN WATER: Completely soluble

PARTITION COEFFICIENT; n-octanol/water: Not applicable

AUTO-IGNITION TEMPERATURE: Not applicable

DECOMPOSITION TEMPERATURE: Not applicable

VISCOSITY: Not applicable

EXPLOSIVE PROPERTIES: Not applicable

OXIDISING PROPERTIES: Not applicable

Section 9 Notes:

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### SECTION 10: STABILITY AND REACTIVITY

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REACTIVITY: None known.

STABILITY: Stable.

POSSIBILITY OF HAZARDOUS REACTIONS: None known.

CONDITIONS TO AVOID: Avoid freezing.

INCOMPATIBLE MATERIALS: None known.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known.

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### SECTION 11: TOXICOLOGICAL INFORMATION

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**ROUTES OF EXPOSURE** Dermal exposure is the most significant route of exposure in occupational and other settings. Inhalation is not usually a concern because product is a liquid. The product is not intended for ingestion.

**SYMPTOMS RELATED TO THE PHYSICAL, AND CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:** No specific symptoms of exposure through the oral route. Inhalation may cause light headedness and respiratory tract irritation. Dermal exposure may cause skin irritation.

**DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:** Quartz (crystalline silica) contamination of limestone in excess of 2% may pose a risk for silicosis, a lung disease. The product contains a maximum of 0.25% respirable silica. Prolonged and repeated inhalation of respirable crystalline silica-containing dust in excess of appropriate exposure limits has been associated with silicosis. Symptoms of silicosis may include, but are not limited to, the following: shortness of breath; difficulty breathing with or without exertion; coughing; diminished work capacity; diminished chest expansion; reduction of lung volume; right heart enlargement and/or failure. Smoking may increase the risk of developing lung disorders, including emphysema and lung cancer. Not all individuals with silicosis will exhibit symptoms (signs) of the disease. However, silicosis can be progressive, and symptoms can appear at any time, even years after exposure has ceased. Persons with silicosis have an increased risk of pulmonary tuberculosis infection. Several studies of persons with silicosis also indicate an increased risk of developing lung cancer, a risk that increases with the duration of exposure. Some of these studies of silicosis do not account for lung cancer confounders, especially smoking.

Titanium dioxide is suspected of causing cancer. IARC has classified titanium dioxide as a class 2B (Possibly carcinogenic to humans). However, the only evidence of carcinogenicity is in rats exposed to very high concentrations. Human studies among titanium dioxide workers in the US and in Europe demonstrated no elevated lung cancer risk with exposure to titanium dioxide.

#### Acute Toxicity

Limestone

Method: Acute Oral Toxicity Study

Species: Rat

Results: LD<sub>50</sub> = 6,450 mg/kg bw

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Method: Acute Dermal Toxicity Study  
No information found.

Method: Acute Inhalation Toxicity Study  
No information found.

### Acrylic polymer

Method: Acute Oral Toxicity Study  
Species: Rat  
Results: LD<sub>50</sub> > 2,000 - 10,000 mg/kg bw

Method: Acute Dermal Toxicity Study  
Species: Rabbit  
Results: ATE > 5,000 mg/kg bw

Method: Acute Inhalation Toxicity Study  
Species: Rat  
Exposure time: 4 h  
Results: ATE > 5,000 mg/ m<sup>3</sup>

### Propylene glycol

Method: Acute Oral Toxicity Study  
Species: Rat  
Results: LD<sub>50</sub> = 20,000 mg/kg bw

Method: Acute Dermal Toxicity Study  
Species: Rat  
Results: LD<sub>50</sub> = 20,800 mg/kg bw

Method: Acute Inhalation Toxicity Study  
Species: Rabbit  
Exposure time: 4 h  
Results: LC<sub>50</sub> > 317,042 mg/m<sup>3</sup>

### Titanium dioxide

Method: Acute Oral Toxicity Study  
Species: Rat  
Results: LD<sub>50</sub> > 60,000 mg/kg bw

Method: Acute Dermal Toxicity Study  
Species: Hamster  
Results: LD<sub>50</sub> > 10,000 mg/kg bw

Method: Acute Inhalation Toxicity Study  
No information found.

### Diatomaceous earth

Method: Acute Oral Toxicity Study  
Species: Rat  
Results: LD<sub>50</sub> > 22,500 mg/kg bw

Method: Acute Dermal Toxicity Study  
No information found.

Method: Acute Inhalation Toxicity Study  
No information found.

## Skin and Eye Corrosion / Irritation and Sensitization:

### Limestone

Skin irritation: No evidence of skin irritation or corrosive effects.  
Eye irritation: Minimal conjunctival irritation which returned to normal by 72 hours.  
Skin sensitization: No information found.

### Acrylic polymer

Skin irritation: No evidence of skin irritation or corrosive effects.  
Eye irritation: No evidence of eye irritation or corrosive effects.  
Skin sensitization: Skin sensitizing effects were not observed in animal studies.

### Propylene glycol

Skin irritation: Mild to moderate irritant.  
Eye irritation: Mild irritant.  
Skin sensitization: Not a skin sensitizer.

### Titanium dioxide

Skin irritation: Mild irritant.  
Eye irritation: No information found.  
Skin sensitization: No information found.

### Diatomaceous earth

Skin irritation: No information found.  
Eye irritation: No information found.  
Skin sensitization: No information found.

## Germ Cell Mutagenicity:

### Limestone

No information found.

### Acrylic polymer

The substance was not mutagenic in bacteria.

### Propylene glycol

Not mutagenic in Salmonella typhimurium TA 1535, TA 1537, TA 100, TA 98, TA 1538, CHO cells, and mouse micronucleus test.

### Titanium dioxide

**EFFECTIVE DATE:** January 01, 2020

Not mutagenic to *Salmonella typhimurium* TA1535, TA1537, TA1538, TA97, TA98 or TA100 or to *Escherichia coli* WP2, either in the presence or absence of an exogenous metabolic system from the livers of uninduced and Aroclor-induced rats, mice and Syrian hamsters.

Diatomaceous earth  
No information found.

### Carcinogenicity:

Limestone, acrylic polymer, propylene glycol, and diatomaceous earth are not listed as a known or suspected carcinogens by ACGIH, NTP, or IARC.

Limestone and diatomaceous earth contain respirable crystalline silica, which is classified as carcinogenic (Group 1) by IARC. NTP lists respirable crystalline silica as a "known human carcinogen." ACGIH lists respirable crystalline silica as a suspected human carcinogen (A-2). These classifications are based on sufficient evidence of carcinogenicity in certain experimental animals and on selected epidemiological studies of workers exposed to crystalline silica.

Titanium dioxide is classified by IARC as a class 2B (possibly carcinogenic to humans). ACGIH lists titanium dioxide as group A4 (Not classifiable as a human carcinogen). NTP does not list titanium dioxide as a carcinogen.

### Reproductive Toxicity:

Limestone  
Method: Oral Study  
Species: Rat  
Dose: 1.25% in feed (approximately 625 mg/kg bw per day)  
Results: No adverse effects reported.

Acrylic polymer  
Not expected to cause reproductive toxicity (based on manufacturer's MSDS)

Propylene glycol  
Propylene glycol did not cause fetal or developmental toxicity in rats, mice, rabbits, or hamsters (NOAELs range from 1.2 to 1.6 g/kg bw/day in four species). No reproductive effects were found when propylene glycol was administered at up to 5% in the drinking water (reported as 10.1 g/kg bw/day) of mice.

Titanium dioxide  
No information found.

Diatomaceous earth  
No information found.

**SECTION 11 NOTES:** Classification as a carcinogen is based on the inhalation of silica (Category 1A) and/or titanium dioxide (Category 2). Product is a liquid as supplied and dries to a hard film, encapsulating any particulate. Inhalation exposure is unlikely given intended use.

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### SECTION 12: ECOLOGICAL INFORMATION

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#### ECOTOXICITY (AQUATIC AND TERRESTRIAL, WHERE AVAILABLE):

##### Phytotoxicity:

Limestone  
No information found.

Acrylic polymer  
*Scenedesmus subspicatus* (green algae) EC<sub>50</sub> (72 h) > 100 mg/L

Propylene glycol  
No information found.

Titanium dioxide  
No information found.

Diatomaceous earth  
No information found.

##### Fish Toxicity:

Limestone  
*Gambusia affinis* (Western mosquitofish) LC<sub>50</sub> (24 – 96 h static) > 56,000 mg/L

Acrylic polymer  
*Brachydanio rerio* (zebrafish) LC<sub>50</sub> (96 h) > 100 mg/L

Propylene glycol

*Oryzias latipes* (Medaka, high-eyes) LC<sub>50</sub> (24 h) > 1,000 mg/L  
*Carassius auratus* (Goldfish) LC<sub>50</sub> (24 h) > 5,000 mg/L  
*Pimephales promelas* (Fathead minnow) LC<sub>50</sub> (48 h) = 790 mg/L  
*Pimephales promelas* (Fathead minnow) LC<sub>50</sub> (96 h) = 29,485 - 39,339 mg/L

Titanium dioxide

No information found.

Diatomaceous earth

No information found.

**Invertebrate Toxicity:**

Limestone

No information found.

Acrylic polymer

*Daphnia magna* EC<sub>50</sub> (48 h) > 100 mg/l,

Propylene glycol

No information found.

Titanium dioxide

No information found.

Diatomaceous earth

No information found.

**ENVIRONMENTAL FATE DATA**

**Persistence/Degradation:** No information found.

**Soil Mobility:** The product is soluble in water and is leachable through normal soil.

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### SECTION 13: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** Small quantities of Select Reflex can usually be disposed of at municipal landfill sites. No special disposal treatment is required, but refer to state and local regulations for applicable site-specific requirements. Tonnage quantities of Select Reflex are not recommended to be sent to landfills. Such product should, if possible, be re-used for an appropriate application. Product packaging should be recycled where possible. Avoid spillage into water and cover drains.

**RCRA HAZARD CLASS:** The product is not listed under any section of the Federal Resource Conservation and Recovery Act (RCRA).

**California Hazardous Waste Designation:** California identifies substances with acute oral, acute dermal, or acute inhalation LD<sub>50</sub>s less than 2,500, 4,300, or 10,000 mg/kg, respectively as "hazardous wastes." Additionally, the aquatic LC<sub>50</sub> is less than 500 mg/L, the chemical is considered a "hazardous waste." Select Reflex is therefore a "hazardous waste" if spilled in California, and should be handled in accordance with applicable state regulations.

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### SECTION 14: TRANSPORT INFORMATION

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**U.S. DEPARTMENT OF TRANSPORTATION:** Neither Select Reflex nor any of its ingredients are a US Department of Transportation (DOT) Hazardous Material or Hazardous Substance.

**Marine Transport (IMDG):** Neither Select Reflex nor any of its ingredients are listed on the International Maritime Dangerous Goods list as a dangerous goods.

**Air Transport (IATA/ICA):** Neither Select Reflex nor any of its ingredients are an IATA (International Air Transport Association) or ICAO (International Civil Aviation Organization; UN-body which focusses on international harmonization of civil aviation regulations) Dangerous Goods.

**Japanese Minister of International Trade and Industry (MITI):** Neither Select Reflex nor any of its ingredients are listed as Class 1 or Class 2 Specified Chemical Substances, or Designated Substances.

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### SECTION 15: REGULATORY INFORMATION

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**TSCA NO.:** Select Reflex does not appear on the EPA TSCA inventory list.

**RCRA:** Select Reflex is not listed as a hazardous waste under any sections of the Resource Conservation and Recovery Act or regulations (40 CFR 261 et seq.).

# Select Reflex

## SAFETY DATA SHEET

**EFFECTIVE DATE:** January 01, 2020

**SUPERFUND: CERCLA/SARA.** Select Reflex is not listed under CERCLA (the Comprehensive Environmental Response Compensation and Liability Act) or its 1986 amendments, SARA, (the Superfund Amendments and Reauthorization Act), including substances listed under Section 313 of SARA, Toxic Chemicals, 42 USC 11023, 40 CFR 372.65; Section 302 of SARA, Extremely Hazardous Substances, 42 USC 11002, 40 CFR 355; or the CERCLA Hazardous Substances list, 42 USC 9604, 40 CFR 302.

**SAFE DRINKING WATER ACT:** Select Reflex is not regulated under the SDWA, 42 USC 300g-1, 40 CFR 141 et seq. Clean Water Act (Federal Water Pollution Control Act): 33 USC 1251 et seq.

- a.) Select Reflex is not itself a discharge covered by any water quality criteria of Section 304 of the CWA, 33USC 1314
- b.) It is not on the Section 307 List of Priority Pollutants, 33 USC 1317, 40 CFR 129
- c.) It is not on the Section 311 List of Hazardous Substances, 33 USC 1321, 40 CFR 116.

**OSHA/CAL OSHA:** This MSDS document meets the requirements of both OSHA (29 CFR 1910.1200) and Cal OSHA (Title 8 CCR 5194(g)) hazard communication standards. Refer to Exposure Control/Personal Protection for regulatory exposure limits.

**IARC:** IARC lists titanium dioxide and respirable silica as carcinogens.

**NTP ANNUAL REPORT ON CARCINOGENS:** NTP lists respirable silica as a carcinogen.

**CALIFORNIA PROPOSITION 65:** Crystalline silica and titanium dioxides are both listed as carcinogens under Prop 65. No other ingredient is listed.

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### SECTION 16: OTHER INFORMATION

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**OTHER INFORMATION:** This SDS was finalized on January 01, 2020 and is compliant with OSHA HCS/HazCom 2012 Final Rule. This replaces the previous version dated January 26, 2018.

**DISCLAIMER:** Information presented herein has been compiled from sources considered dependable and is accurate and reliable to the best of our knowledge and belief, but it is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or any product in violation of any law or regulation. It is the user's responsibility to determine the suitability of any material for a specific purpose and adopt necessary safety precautions. We make no warranty as to results to be obtained in using any material and, since conditions or use are not under our control, we must necessarily disclaim all liability with respect to use of any material supplied by us.