

**UNIVERSAL COLOR PACK LIGHT GRAY-cs**

Version 1.0  
 REVISION DATE: 10/14/2013

Print Date 10/29/2013

**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : **UNIVERSAL COLOR PACK LIGHT GRAY-cs**

Product code : 1572054Q529

COMPANY : Euclid Chemical Company  
 19218 Redwood Road  
 Cleveland, OH 44110

Telephone : 1-800-321-7628

Emergency Phone: : U.S. only: 1-800-424-9300  
 International Users Call Collect: 1-703-527-3887

**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

Grey. Paste. No serious effects anticipated under normal conditions of use. Generally not required under normal conditions of use.

**Acute Potential Health Effects/ Routes of Entry**

Inhalation : No serious effects anticipated under normal conditions of use.

Eyes : Slightly irritating.

Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.

Skin : No effects anticipated.

**Aggravated Medical Conditions**

Pre-existing eye, skin, liver, kidney, and respiratory disorders may be aggravated by exposure.

**Chronic Health Effects**

Carbon black is classified by IARC to be a known animal carcinogen and a possible human carcinogen (Group 2B). Carbon black is encapsulated by resin and not expected to have adverse effects unless made airborne. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

**SECTION 3 - PRODUCT COMPOSITION**

Chemical Name	CAS-No.	Weight %
Titanium dioxide	13463-67-7	> 60.0
Diisodecyl phthalate	26761-40-0	15.0 - 40.0
Aluminum oxide	1344-28-1	3.0 - 7.0
Carbon Black	1333-86-4	0.1 - 1.0

**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

Inhalation : Generally not required under normal conditions of use.



**UNIVERSAL COLOR PACK LIGHT GRAY-cs**

Version 1.0  
REVISION DATE: 10/14/2013

Print Date 10/29/2013

- Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.
- Skin contact : Wash with water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

**SECTION 5 - FIRE FIGHTING MEASURES**

- Flash point : Not available.
- Method : Not available.
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : If water fog is ineffective, use carbon dioxide, dry chemical or foam.
- Hazardous combustion products : Smoke, fumes. Carbon monoxide and carbon dioxide can form.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
- Fire and explosion conditions : This product not expected to ignite under normal conditions of use. Product may ignite if heated in excess of its flash point.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Use appropriate protective equipment. Avoid contact with material. Scrape up and transfer to appropriate container for disposal.

**SECTION 7 - HANDLING AND STORAGE**

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a cool, dry, ventilated warehouse location.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal protection equipment**

- Respiratory protection : Not required under normal conditions of use.
- Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection. Use safety glasses if eye contact is likely.
- Protective measures : Use professional judgment in the selection, care, and use.
- Engineering measures : General ventilation is sufficient. Use local exhaust when the general ventilation is inadequate.



**UNIVERSAL COLOR PACK LIGHT GRAY-cs**

Version 1.0  
 REVISION DATE: 10/14/2013

Print Date 10/29/2013

**Exposure Limits**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Regulation</u>	<u>Limit</u>	<u>Form</u>
Titanium dioxide	13463-67-7	ACGIH TWA: OSHA PEL: OSHA TWA: OSHA TWA:	10 mg/m3 15 mg/m3 15 mg/m3 5 mg/m3	Total dust. Total dust. Respirable fraction.
Aluminum oxide	1344-28-1	ACGIH TWA: OSHA PEL: OSHA PEL: OSHA TWA: OSHA TWA: ACGIH TWA:	10 mg/m3 5 mg/m3 15 mg/m3 15 mg/m3 5 mg/m3 1 mg/m3	Respirable fraction. Total dust. Total dust. Respirable fraction. Respirable fraction.
Carbon Black	1333-86-4	ACGIH TWA: OSHA PEL: OSHA TWA: OSHA TWA:	3.5 mg/m3 3.5 mg/m3 15 mg/m3 5 mg/m3	Total dust. Respirable fraction.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Form	: Paste
Color	: Grey
Odor	: Mild Ester
pH	: Not available.
Vapour pressure	: Not available.
Vapor density	: Heavier than air
Melting point/range	: Not available.
Freezing point	: Not available.
Boiling point/range	: Not available.
Water solubility	: Negligible
Specific Gravity	: 1.95
% Volatile Weight	: 0.0 %

**SECTION 10 - REACTIVITY / STABILITY**

Substances to avoid	: Oxidizing agents.
Stability	: Material is stable under normal storage, handling, and use.
Hazardous polymerization	: Will not occur.



**EUCLID CHEMICAL**

**UNIVERSAL COLOR PACK LIGHT GRAY-cs**

Version 1.0  
 REVISION DATE: 10/14/2013

Print Date 10/29/2013

**SECTION 11 - TOXICOLOGICAL INFORMATION**

No Data Available

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Disposal Method : Waste not regulated under RCRA. Incinerate at EPA approved facility or dispose of waste in compliance with state and local regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA**

**CFR / DOT:**

Not Regulated

**TDG:**

Not Regulated

**IMDG:**

Not Regulated

**SECTION 15 - REGULATORY INFORMATION**

**North American Inventories:**

All components are listed or exempt from the TSCA inventory.  
 This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

**U.S. Federal Regulations:**

SARA 313 Components : Aluminum oxide 1344-28-1  
 SARA 311/312 Hazards : Acute Health Hazard  
 Chronic Health Hazard

**OSHA Hazardous Components :**

Titanium dioxide 13463-67-7  
 Diisodecyl phthalate 26761-40-0  
 Aluminum oxide 1344-28-1  
 Carbon Black 1333-86-4



**UNIVERSAL COLOR PACK LIGHT GRAY-cs**

Version 1.0  
 REVISION DATE: 10/14/2013

Print Date 10/29/2013

OSHA Status: Considered hazardous based on the following criteria: : Irritant Carcinogen

OSHA Flammability : Not Regulated

Regulatory VOC (less water and exempt solvent) : 0 g/l  
 VOC Method 310 : 0 %

Chemical is listed as an IARC, NTP, OSHA, or ACGIH Carcinogen:  
 Carbon Black 1333-86-4

**U.S. State Regulations:**

MASS RTK Components : Titanium dioxide 13463-67-7  
 Aluminum oxide 1344-28-1  
 Hexachlorobenzene 118-74-1

Penn RTK Components : Titanium dioxide 13463-67-7  
 Diisodecyl phthalate 26761-40-0  
 Aluminum oxide 1344-28-1

NJ RTK Components : Titanium dioxide 13463-67-7  
 Diisodecyl phthalate 26761-40-0  
 Aluminum oxide 1344-28-1  
 Carbon Black 1333-86-4

Components under California Proposition 65:

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm

**SECTION 16 - OTHER INFORMATION**

**HMIS Rating :**

Health	1
Flammability	0
Reactivity	0
PPE	

0 = Minimum  
 1 = Slight  
 2 = Moderate  
 3 = Serious  
 4 = Severe

**Further information:**

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

**Prepared by: Rich Mikol**

**Legend**

ACGIH - American Conference of Governmental Hygienists  
 CERCLA - Comprehensive Environmental Response, Compensation, and

PEL - Permissible Exposure Limit  
 RCRA - Resource Conservation and Recovery Act



**EUCLID CHEMICAL**

**UNIVERSAL COLOR PACK LIGHT GRAY-cs**

Version 1.0

Print Date 10/29/2013

REVISION DATE: 10/14/2013

Liability Act

DOT - Department of Transportation

DSL - Domestic Substance List

EPA - Environmental Protection Agency

HMIS - Hazardous Materials Information System

IARC - International Agency for Research on Cancer

MSHA - Mine Safety Health Administration

NDSL - Non-Domestic Substance List

NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

RTK - Right To Know

SARA - Superfund Amendments and Reauthorization Act

STEL - Short Term Exposure Limit

TLV - Threshold Limit Value

TSCA - Toxic Substances Control Act

TWA - Time Weighted Average

V - Volume

VOC - Volatile Organic Compound

WHMIS - Workplace Hazardous Materials Information System