

**UNIVERSAL COLOR PACK BROWN-cs**

Version 1.0
 REVISION DATE: 10/14/2013

Print Date 10/29/2013

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : **UNIVERSAL COLOR PACK BROWN-cs**

Product code : 1572057Q529

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**

Brown. 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 %
Diisodecyl phthalate	26761-40-0	40.0 - 70.0
Pigment Yellow	20344-49-4	15.0 - 40.0
Titanium dioxide	13463-67-7	15.0 - 40.0
Iron oxide	1309-37-1	10.0 - 30.0
Carbon Black	1333-86-4	3.0 - 7.0
Aluminum oxide	1344-28-1	0.1 - 1.0

SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.



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- Inhalation : Generally not required under normal conditions of use.
- 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



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ventilation is inadequate.

Exposure Limits

Chemical Name	CAS Number	Regulation	Limit	Form
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.
Iron oxide	1309-37-1	OSHA PEL: OSHA TWA: OSHA TWA: ACGIH TWA: ACGIH TWA:	10 mg/m3 15 mg/m3 5 mg/m3 5 mg/m3 5 mg/m3	Fume. Total dust. Respirable fraction. 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.
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.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form	: Paste
Color	: Brown
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	: 1.60
% Volatile Weight	: 0.0 %



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SECTION 10 - REACTIVITY / STABILITY

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

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 : None present or none present in regulated quantities.



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SARA 311/312 Hazards : Acute Health Hazard
Chronic Health Hazard

OSHA Hazardous Components :

Diisodecyl phthalate	26761-40-0
Titanium dioxide	13463-67-7
Iron oxide	1309-37-1
Carbon Black	1333-86-4
Aluminum oxide	1344-28-1

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

OSHA Flammability : Not Regulated

Regulatory VOC (less water and : 0 g/l
exempt solvent)
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
Iron oxide 1309-37-1
Carbon Black 1333-86-4

Penn RTK Components : Diisodecyl phthalate 26761-40-0
Pigment Yellow 20344-49-4
Titanium dioxide 13463-67-7
Iron oxide 1309-37-1
Carbon Black 1333-86-4

NJ RTK Components : Diisodecyl phthalate 26761-40-0
Pigment Yellow 20344-49-4
Titanium dioxide 13463-67-7
Iron oxide 1309-37-1
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



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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 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

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