



MATERIAL SAFETY DATA SHEET

FIRE	0	REACTIVITY
HEALTH	1	0

HEALTH	[1]
FLAMMABILITY	[0]
REACTIVITY	[0]
PROTECTION	[G]

Section I - Product Identification

Date: Jun 8, 2015

Product Name	ASPHACOLOR Red, Yellow & Black
Company	QC Construcion Products 11901, Gavin Rd, Laredo Tx, 78045
Chemical Name	Synthetic iron oxide
Chemical Family:	Inorganic oxide
Chemical Formula:	Proprietary
Appearance & Odor:	Odorless powder, all colors
Emergency Telephone Number:	CHEMTREC (800) 424-9300
Telephone Number for Information:	956 622 7677
Product Use:	

Section II - Hazards Identification

Emergency Overview

Powder. May cause coughing and wheezing. Dust may irritate respiratory tract. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation :	May cause coughing and wheezing. Dust may irritate respiratory tract.
Eyes :	Dust may cause eye irritation. May cause mechanical irritation or abrasion. Direct contact may cause temporary redness and discomfort.
Ingestion :	May cause gastrointestinal irritation, nausea, and vomiting.
Skin :	May cause mild irritation.

Aggravated Medical Conditions

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

Chronic Health Effects

No known effects anticipated.

Section III - Product Composition

Composition	CAS No.	Weight	%
Red Ferric oxide	1309-37-1	Proprietary	10-30
Black Iron Oxide	1317-61-9	Proprietary	10-30
Yellow Iron Oxide	51274-00-1	Proprietary	10-30
Titanium Dioxide	13463-67-7	Proprietary	10-30
Silicon Dioxide Amorphous Fumed Silica	112945-52-5	Proprietary	1.0 - 10
Crystalline Silica (Quartz)/Silica Sand	14808-60-7	Proprietary	15 - 30
Anionic Dispersant	Proprietary	Proprietary	1.0 - 10
Binder	Proprietary	Proprietary	1.0 - 5.0
Vinyl Acetate copolymer	Proprietary	Proprietary	1.0 - 5.0

Other Information

Silicon Dioxide amorphous fumes silica:

This material is classified as hazardous under OSHA regulations.

CAS, 112945-52-5, has been assigned to amorphous, fumed silica to distinguish it from crystalline silica. According to the EPA, this product meets TSCA requirements and is listed on the TSCA inventory as silica with CAS 7631-86-9

MATERIAL SAFETY DATA SHEET

Section IV - First Aid Measures

Get immediate medical attention for any significant overexposure.

- Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : DO NOT RUB EYES. Flush with water for 15 minutes. If irritation persists, get medical attention.
- Skin contact : Clean area of contact thoroughly using soap and 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 V - Fire Fighting Measure

- Flash point : Not available.
- Method : Not available.
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : This product is not expected to burn under normal conditions of use. Use that which is appropriate to the surroundings.
- Hazardous combustion products: Not available.
- Protective equipment for firefighters : Not applicable. Product is not expected to burn.
- Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

Section VI - Accidental Release Measures

Use appropriate protective equipment. Avoid contact with material. Dampen material with water to control dusting. Scoop up and transfer to appropriate container for disposal. Flush spill area with water.

Section VII - Handling and Storage

Prevent inhalation of dust and contact with skin and eyes. Clean hands thoroughly after handling. Precautions also apply to emptied containers. Personal protective equipment must be worn during maintenance or repair of contaminated mixer, reactor, or other equipment. Store in sealed containers in a cool, dry, ventilated warehouse location.

MATERIAL SAFETY DATA SHEET

Section VIII - Exposure Controls / Personal Protection

Respiratory protection : Wear appropriate, properly fitted NIOSH/MSHA approved dust respirator where airborne concentrations are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.

Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.

Chemical Name:	CAS Number:	Regulation:	Limit:	Form:
Iron Oxide Black	1317-61-9	ACGIH TWA:	10 mg/m3	
		OSHA PEL:	15 mg/m3	Total dust.
		OSHA TWA:	15 mg/m3	Total dust.
		OSHA TWA:	5 mg/m3	Respirable fraction.
Titanium Dioxide	13463-67-7	ACGIH TWA:	10 mg/m3	
		OSHA PEL:	15 mg/m3	Total dust.
		OSHA TWA:	15 mg/m3	Total dust.
		OSHA TWA:	5 mg/m3	Respirable fraction.
Iron Oxide Red	1309-37-1	ACGIH TWA:	10 mg/m3	
		OSHA PEL:	15 mg/m3	Total dust.
		OSHA TWA:	15 mg/m3	Total dust.
		OSHA TWA:	5 mg/m3	Respirable fraction
Yellow Iron Oxide	51274-00-1	ACGIH TWA:	10 mg/m3	
		OSHA PEL:	15 mg/m3	Total dust.
		OSHA TWA:	15 mg/m3	Total dust.
		OSHA TWA:	5 mg/m3	Respirable fraction.
Crystalline Silica (Quartz)/Silica Sand	14808-60-7	OSHA TWA	0.1 mg/m3	Respirable.
		OSHA TWA	0.3 mg/m3	Total dust.
		OSHA PEL	15 mg/m3	Total dust.
		OSHA PEL	5 mg/m3	Respirable fraction
		ACGIH TWA	0.025 mg/m3	Respirable fraction

Silicon Dioxide, Chemically Prepared

CAS No. 112945-52-5

Control Parameters 20 millions of particles per cubic foot of air
0.8 mg/m3

Time Weighted Average (TWA):(Z3)

Time Weighted Average (TWA):(Z3)

The exposure limits is calculated from the equation, $80/(\%SiO_2)$, using a value of 100% SiO₂. Lower values of % SiO₂ will give higher exposure limits.

Section IX - Physical and Chemical Properties

Appearance:	Fine Powder. Various colors.
Odor:	Negligible
Specific Gravity (H ₂ O = 1):	Approximately 2.0-2.5
Boiling Point:	Not applicable
Melting Point:	Not applicable
Solubility in Water:	Slight
Vapor Density:	Not Applicable
Evaporation Rate:	Not Applicable
Volatile Organic Com:	Nil

MATERIAL SAFETY DATA SHEET

Section X - Reactivity / Estability

Stability: Stable.
Conditions to Avoid: Excessive heat (>130 f)
Incompatibility (Materials to Avoid): Strongoxidizing agents.
Hazardous Decomposition or By-products: CO and CO2
Hazardous Polymerization: Not Applicable

Section XI - Toxicological Information

No Data Available

Section XII - Ecological Information

No Data Available

Section XIII - Disposal Considerations

Disposal Method : Waste not regulated under RCRA. Dispose of in compliance with state and local regulations.

Section XIV - Transportation / Shipping Data

CFR / DOT:
Not Regulated

TDG:
Not Regulated

IMDG:
Not Regulated

Section XV - Regulatory Information

OSHA HAZARDOUS COMPONENTS:

Iron Oxide Red	1309-37-1
Titanium Dioxide	13463-67-7
Black Iron Oxide	1317-61-9
Yellow Iron Oxide	51274-00-1
Silicon Dioxide Amorphous Fumed Silica	112945-52-5
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7

MSS RTK COMPONENTS:

Iron Oxide Red	1309-37-1
Titanium Dioxide	13463-67-7
Black Iron Oxide	1317-61-9
Yellow Iron Oxide	51274-00-1
Silicon Dioxide Amorphous Fumed Silica	112945-52-5
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7

MATERIAL SAFETY DATA SHEET

Section XV - Regulatory Information

PENN RTK COMPONENTS:

Iron Oxide Red	1309-37-1
Titanium Dioxide	13463-67-7
Black Iron Oxide	1317-61-9
Yellow Iron Oxide	51274-00-1
Silicon Dioxide Amorphous Fumed Silica	112945-52-5
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7

NJ RTK COMPONENTS:

Iron Oxide Red	1309-37-1
Titanium Dioxide	13463-67-7
Black Iron Oxide	1317-61-9
Yellow Iron Oxide	51274-00-1
Silicon Dioxide Amorphous Fumed Silica	112945-52-5
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7

Section XVI - Other Information

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.

Before using this product.

Completely read the AsphaColor Tech-Data Bulletin
Antiquing Release end the product label.

10.08 1M

ASPHACOLOR.
Reds, Yellows & Blacks