



Revision Date: 22-Feb-2023 Revision Number: 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name QUICK DRY ALKYD ENAMEL GLOSS SAFETY YELLOW

Product Code CV230-10
Alternate Product Code C23010

Product Class SOLVENT THINNED PAINT

Color Yellow

Recommended use Industrial paint

Restrictions on use No information available

Manufacturer

Benjamin Moore & Co. 101 Paragon Drive Montvale, NJ 07645

Phone: 1-866-708-9180

www.benjaminmoore.com/Corotech

Emergency Telephone

CHEMTREC: +1 703-741-5970 / 1-800-424-9300 +1 703-527-3887 (outside US & Canada)

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| Serious eye damage/eye irritation | Category 2A |
|--|-------------|
| Skin sensitization | Category 1 |
| Germ cell mutagenicity | Category 1B |
| Carcinogenicity | Category 1B |
| Reproductive toxicity | Category 1A |
| Specific target organ toxicity (single exposure) | Category 3 |
| Specific target organ toxicity (repeated exposure) | Category 2 |
| Flammable liquids | Category 2 |

Label elements

Danger

Hazard statements

Causes serious eye irritation
May cause an allergic skin reaction
May cause genetic defects

CV230-10 - QUICK DRY ALKYD ENAMEL GLOSS SAFETY YELLOW

May cause cancer

May damage fertility or the unborn child

May cause drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure

Highly flammable liquid and vapor



Appearance liquid

Odor solvent

Revision Date: 22-Feb-2023

Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Wash face, hands and any exposed skin thoroughly after handling

Contaminated work clothing must not be allowed out of the workplace

Do not breathe dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Keep container closed

Ground and bond container and receiving equipment

Use only non-sparking tools

Take action to prevent static discharges

Keep cool

Wear protective gloves/clothing and eye/face protection

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing

If eye irritation persists: Get medical advice/attention

Skin

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Fire

In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up

Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other information

No information available

3. COMPOSITION INFORMATION ON COMPONENTS

| Chemical name | CAS No | Weight-% |
|---|------------|-----------|
| Methyl acetate | 79-20-9 | 10 - 15 |
| Limestone | 1317-65-3 | 10 - 15 |
| 2-Heptanone | 110-43-0 | 5 - 10 |
| Xylene | 1330-20-7 | 5 - 10 |
| Titanium dioxide | 13463-67-7 | 5 - 10 |
| Kaolin | 1332-58-7 | 1 - 5 |
| 4-Chlorobenzotrifluoride | 98-56-6 | 1 - 5 |
| Ethyl benzene | 100-41-4 | 1 - 5 |
| Hexanoic acid, 2-ethyl-, zirconium salt | 22464-99-9 | 0.1 - 0.5 |
| Methyl ethyl ketoxime | 96-29-7 | 0.1 - 0.5 |
| Isobutyl alcohol | 78-83-1 | 0.1 - 0.5 |

4. FIRST AID MEASURES

Description of first aid measures

General Advice If symptoms persist, call a physician. Show this safety data sheet to the doctor in

attendance.

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact

lenses and continue flushing for at least 15 minutes. Keep eye wide open while

rinsing. If symptoms persist, call a physician.

Skin Contact Wash off immediately with soap and plenty of water while removing all

contaminated clothes and shoes. If skin irritation persists, call a physician. Wash

clothing before reuse. Destroy contaminated articles such as shoes.

Inhalation Move to fresh air. If symptoms persist, call a physician.

If not breathing, give artificial respiration. Call a physician immediately.

Ingestion Clean mouth with water and afterwards drink plenty of water. Do not induce

vomiting without medical advice. Never give anything by mouth to an unconscious

person. Consult a physician.

Protection Of First-Aiders Use personal protective equipment.

Most Important Symptoms/Effects May cause allergic skin reaction.

Notes To Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties Vapors may travel considerable distance to a source of

ignition and flash back. Vapors may cause flash fire.

Revision Date: 22-Feb-2023

Suitable Extinguishing Media Foam, dry powder or water. Use extinguishing measures

that are appropriate to local circumstances and the

surrounding environment.

Protective equipment and precautions for firefighters As in any fire, wear self-contained breathing apparatus

pressure-demand, MSHA/NIOSH (approved or equivalent)

and full protective gear.

Hazardous combustion productsBurning may result in carbon dioxide, carbon monoxide

and other combustion products of varying composition

which may be toxic and/or irritating.

Specific Hazards Arising From The Chemical Flammable. Flash back possible over considerable

distance. Keep product and empty container away from heat and sources of ignition. Closed containers may rupture if exposed to fire or extreme heat. Thermal decomposition can lead to release of irritating gases and

vapors.

Sensitivity to mechanical impact No

Sensitivity to static discharge Yes

Flash Point Data

Flash point (°F) 50
Flash Point (°C) 10
Method PMCC

Flammability Limits In Air

Lower flammability limit:No data availableUpper flammability limit:No data available

NFPA

Health hazards 2
Flammability 3
Stability 0

Special: Not Applicable

NFPA Legend

- 0 Not Hazardous
- 1 Slightly
- 2 Moderate
- 3 High
- 4 Severe

The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.

Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at www.nfpa.org.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Remove all sources of ignition. Take precautions to prevent flashback. Ground and

bond all containers and handling equipment. Take precautionary measures against static discharges. Ensure adequate ventilation. Avoid contact with skin, eyes and

Revision Date: 22-Feb-2023

clothing. Use personal protective equipment.

Other Information Prevent further leakage or spillage if safe to do so. Do not allow material to

contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be

advised if significant spillages cannot be contained.

Environmental precautions See Section 12 for additional Ecological Information.

Methods for Cleaning Up Dam up. Soak up with inert absorbent material. Use a non-sparking or explosion

proof means to transfer material to a sealed, appropriate container for disposal.

Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing. Wear personal protective equipment.

Do not breathe vapors or spray mist. Use only in ventilated areas. Prevent vapor build-up by providing adequate ventilation during and after use.

Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Ignition and/or flash back may

occur.

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away

from heat. Keep away from open flames, hot surfaces and sources of ignition.

Keep in properly labeled containers. Keep out of the reach of children.

Incompatible Materials Incompatible with strong acids and bases and strong oxidizing agents.

Technical measures/Precautions Ensure adequate ventilation. Use only where airflow will keep vapors from building

up in or near the work area in adjoining rooms. Comply with all national, state, and

local codes pertaining to the storage, handling, dispensing and disposal of

flammable liquids.

Dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. All equipment should be non-sparking and explosion proof. Use explosion proof electrical equipment for ventilation, lighting

and material handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

| Chemical name | ACGIH TLV | OSHA PEL |
|---|--|-----------------------------|
| Methyl acetate | STEL: 250 ppm | 200 ppm - TWA |
| · | TWA: 200 ppm | 610 mg/m³ - TWA |
| Limestone | - | 15 mg/m³ - TWA |
| | | 5 mg/m³ - TWA |
| 2-Heptanone | TWA: 50 ppm | 100 ppm - TWA |
| | | 465 mg/m ³ - TWA |
| Xylene | TWA: 20 ppm | 100 ppm - TWA |
| • | | 435 mg/m ³ - TWA |
| Titanium dioxide | TWA: 0.2 mg/m³ nanoscale respirable | 15 mg/m³ - TWA |
| | particulate matter | - |
| | TWA: 2.5 mg/m³ finescale respirable | |
| | particulate matter | |
| Kaolin | TWA: 2 mg/m³ particulate matter | 15 mg/m³ - TWA |
| | containing no asbestos and <1% | 5 mg/m³ - TWA |
| | crystalline silica, respirable particulate | |
| | matter | |
| 4-Chlorobenzotrifluoride | TWA: 2.5 mg/m ³ F As Fluorides | 2.5 mg/m ³ - TWA |
| | [RR-02792-9] | |
| | TWA: 2.5 mg/m ³ F | |
| Ethyl benzene | Ototoxicant - potential to cause hearing | 100 ppm - TWA |
| | disorders | 435 mg/m ³ - TWA |
| | TWA: 20 ppm | |
| Hexanoic acid, 2-ethyl-, zirconium salt | STEL: 10 mg/m³ Zr As Zirconium | 5 mg/m³ - TWA |
| | compounds [RR-00624-6] | |
| | STEL: 10 mg/m ³ Zr | |
| | TWA: 5 mg/m³ Zr As Zirconium | |
| | compounds [RR-00624-6] | |
| | TWA: 5 mg/m³ Zr | |
| Isobutyl alcohol | TWA: 50 ppm | 100 ppm - TWA |
| · | | 300 mg/m ³ - TWA |

Legend

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits

OSHA - Occupational Safety & Health Administration Exposure Limits

N/E - Not Established

Appropriate engineering controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection Tightly fitting safety goggles. Safety glasses with side-shields. If splashes are likely

to occur, wear:.

Skin Protection

Long sleeved clothing. Protective gloves.

Respiratory ProtectionUse only with adequate ventilation. In operations where exposure limits are

exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions. When spraying the product or applying in confined areas, wear a NIOSH approved respirator specified

for paint spray or organic vapors.

Hygiene Measures Avoid contact with skin, eyes and clothing. Remove and wash contaminated

clothing before re-use. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance liquid

Odor little or no odor

Odor Threshold No information available

Density (lbs./gal) 9.7 - 10.1

Specific Gravity 1.16 - 1.21

pHNo information availableViscosity (cps)No information availableSolubility(ies)No information availableWater solubilityNo information availableEvaporation RateNo information available

Vapor pressure @20 °C (kPa)

Relative vapor density

No information available
No information available

 Wt. % Solids
 70 - 80

 Vol. % Solids
 50 - 60

 Wt. % Volatiles
 20 - 30

 Vol. % Volatiles
 40 - 50

 VOC Regulatory Limit (g/L)
 < 250</td>

 Roiling Point (%F)
 158

Boiling Point (°F) 158
Boiling Point (°C) 70

Freezing point (°F)

Freezing Point (°C)

No information available

No information available

Flash point (°F) 50
Flash Point (°C) 10
Method PMCC

Flammability (solid, gas)
Upper flammability limit:
No data available
Lower flammability limit:
No data available

Autoignition Temperature (°F)No information availableAutoignition Temperature (°C)No information availableDecomposition Temperature (°F)No information availableDecomposition Temperature (°C)No information availablePartition coefficientNo information available

10. STABILITY AND REACTIVITY

Reactivity No data available

Chemical Stability Stable under normal conditions. Hazardous polymerisation

does not occur.

Conditions to avoid Keep away from open flames, hot surfaces, static

electricity and sources of ignition. Sparks. Elevated

Revision Date: 22-Feb-2023

temperature.

Incompatible Materials Incompatible with strong acids and bases and strong

oxidizing agents.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating

gases and vapors.

Possibility of hazardous reactions None under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

Principal Routes of Exposure Eye contact, skin contact and inhalation.

Acute Toxicity

Product Information Repeated or prolonged exposure to organic solvents may lead to permanent brain

and nervous system damage. Intentional misuse by deliberately concentrating and

Revision Date: 22-Feb-2023

inhaling vapors may be harmful or fatal.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Eye contact Contact with eyes may cause irritation.

Skin contact May cause skin irritation and/or dermatitis. Prolonged skin contact may defat the

skin and produce dermatitis.

Ingestion Harmful if swallowed. Ingestion may cause irritation to mucous membranes. Small

amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to

death.

Inhalation Harmful by inhalation. High vapor / aerosol concentrations are irritating to the eyes,

nose, throat and lungs and may cause headaches, dizziness, drowsiness,

unconsciousness, and other central nervous system effects.

Sensitization May cause an allergic skin reaction

Neurological Effects

No information available.

Mutagenic Effects

No information available.

Reproductive Effects May damage fertility or the unborn child.

Developmental Effects

No information available.

No information available.

STOT - repeated exposureCauses damage to organs through prolonged or repeated exposure.

STOT - single exposure May cause disorder and damage to the, Respiratory system.

Other adverse effects No information available.

Aspiration Hazard May be harmful if swallowed and enters airways. Small amounts of this product

aspirated into the respiratory system during ingestion or vomiting may cause mild

to severe pulmonary injury, possibly progressing to death.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 7353 mg/kg
ATEmix (dermal) 11240 mg/kg
ATEmix (inhalation-dust/mist) 9.2 mg/l
ATEmix (inhalation-vapor) 101.4 mg/l

Component Information

Caution - This mixture contains a substance not yet fully tested

Revision Date: 22-Feb-2023

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-------------------------------------|--------------------|--|-------------------------------------|
| Methyl acetate 79-20-9 | > 5 g/kg (Rat) | > 5 g/kg(Rabbit) | > 49000 mg/m ³ (Rat) 4 h |
| 2-Heptanone 110-43-0 | = 1600 mg/kg (Rat) | = 12.6 mL/kg(Rabbit)= 12600 μL/kg(Rabbit) | >16.7 mg/L |
| Xylene 1330-20-7 | = 3500 mg/kg (Rat) | > 4350 mg/kg (Rabbit) | = 29.08 mg/L (Rat) 4 h |
| Titanium dioxide 13463-67-7 | > 10000 mg/kg(Rat) | - | - |
| Kaolin 1332-58-7 | > 5000 mg/kg (Rat) | > 5000 mg/kg(Rat) | - |
| 4-Chlorobenzotrifluoride 98-56-6 | = 13 g/kg(Rat) | > 3300 mg/kg (Rabbit) | = 33 mg/L (Rat) 4 h |
| Ethyl benzene 100-41-4 | = 3500 mg/kg(Rat) | = 15400 mg/kg (Rabbit) | = 17.4 mg/L (Rat) 4 h |
| Methyl ethyl ketoxime 96-29-7 | = 930 mg/kg (Rat) | 1000 - 1800 mg/kg (Rabbit) | > 4.83 mg/L (Rat) 4 h |
| Isobutyl alcohol 78-83-1 | = 2460 mg/kg (Rat) | = 3400 mg/kg (Rabbit) | > 6.5 mg/L (Rat)4 h |

Chronic Toxicity

Carcinogenicity

The information below indicates whether each agency has listed any ingredient as a carcinogen:.

| Chemical name | IARC | NTP | OSHA |
|--------------------------|---------------------|-----|--------|
| | 2B - Possible Human | | Listed |
| Titanium dioxide | Carcinogen | | |
| | 2B - Possible Human | | Listed |
| 4-Chlorobenzotrifluoride | Carcinogen | | |
| | 2B - Possible Human | | Listed |
| Ethyl benzene | Carcinogen | | |

[•] Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint."

Legend

IARC - International Agency for Research on Cancer

NTP - National Toxicity Program

OSHA - Occupational Safety & Health Administration

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects

The environmental impact of this product has not been fully investigated.

Product Information

Acute Toxicity to Fish

No information available

Acute Toxicity to Aquatic Invertebrates

No information available

Acute Toxicity to Aquatic Plants

No information available

Persistence / Degradability

No information available.

Bioaccumulation

There is no data for this product.

Mobility in Environmental Media

No information available.

Ozone

Not classified

Component Information

Acute Toxicity to Fish

Xylene

LC50: 13.5 mg/L (Rainbow Trout - 96 hr.)

Titanium dioxide

LC50: > 1000 mg/L (Fathead Minnow - 96 hr.)

Ethyl benzene

LC50: 12.1 mg/L (Fathead Minnow - 96 hr.)

Methyl ethyl ketoxime

LC50: 48 mg/L (Bluegill sunfish - 96 hr.)

Acute Toxicity to Aquatic Invertebrates

Ethyl benzene

EC50: 1.8 mg/L (Daphnia magna - 48 hr.)

Methyl ethyl ketoxime

EC50: 750 mg/L (Daphnia magna - 48 hr.)

Acute Toxicity to Aquatic Plants

Ethyl benzene

EC50: 4.6 mg/L (Green algae (Scenedesmus subspicatus), 72 hrs.)

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with federal, state, and local regulations. Local

requirements may vary, consult your sanitation department or state-designated

environmental protection agency for more disposal options.

Empty Container Warning Emptied containers may retain product residue. Follow label warnings even after

container is emptied. Residual vapors may explode on ignition.

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name Paint Transport hazard class(es) 3 UN-No UN1263

Packing Group ||

Description UN1263, Paint, 3, II

ICAO / IATA Contact the preparer for further information.

IMDG / IMOContact the preparer for further information.

15. REGULATORY INFORMATION

International Inventories

TSCA: United StatesYes - All components are listed or exempt.

Yes - All components are listed or exempt.

Federal Regulations

SARA 311/312 Hazard Categories

Acute health hazard Yes
Chronic Health Hazard Yes
Fire hazard Yes
Sudden release of pressure hazard No
Reactive Hazard No

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical name | CAS No | Weight-% | CERCLA/SARA 313 (de minimis concentration) |
|---------------|-----------|----------|--|
| Xylene | 1330-20-7 | 5 - 10 | 1.0 |
| Ethyl benzene | 100-41-4 | 1 - 5 | 0.1 |

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

| Chemical name | CAS No | Weight-% | Hazardous Air Pollutant |
|---------------|-----------|----------|-------------------------|
| Xylene | 1330-20-7 | 5 - 10 | <u>(HAP)</u> Listed |
| Ethyl benzene | 100-41-4 | 1 - 5 | Listed |

US State Regulations

California Proposition 65

WARNING: This product can expose you to chemicals including Titanium dioxide, which are known to the State of California to cause cancer, and Toluene which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

U.S. State Right-to-Know

Regulations

| Chemical name | Massachusetts | New Jersey | Pennsylvania |
|--------------------------|---------------|------------|--------------|
| Methyl acetate | X | X | X |
| Limestone | X | X | X |
| 2-Heptanone | X | X | X |
| Xylene | X | X | X |
| Titanium dioxide | X | X | X |
| Kaolin | X | X | X |
| 4-Chlorobenzotrifluoride | | X | |
| Ethyl benzene | X | X | X |

Legend

X - Listed

16. OTHER INFORMATION

HMIS

Health hazards 2*
Flammability 3
Reactivity: 0
Personal protection -

HMIS Legend

- 0 Minimal Hazard
- 1 Slight Hazard
- 2 Moderate Hazard
- 3 Serious Hazard
- 4 Severe Hazard
- * Chronic Hazard
- X Consult your supervisor or S.O.P. for "Special" handling instructions.

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

CV230-10 - QUICK DRY ALKYD ENAMEL GLOSS SAFETY YELLOW

Revision Date: 22-Feb-2023

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Revision Date: 22-Feb-2023 Revision Summary Not available

Disclaimer

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, provincial, and local laws and regulations.

End of Safety Data Sheet