

Safety Data Sheet

Coloring Tints

Page 1

Substance key: 000000313378
Version: 1 – 1 / CHI

Revision Date: 23.2.2015
Date: 25.06.2008

1. Identification of the substance/preparation and company

Trade name: Floor Fix, VinylFix & TileFix Repair Kits

Item: Repair Kit Coloring Tints

Material number: 230375

Identification of the company

Cal-Flor Accessory Systems
1000 Cal Oak Road
Oroville, CA 95965
(530) 534-1426

Information about the substance/preparation

- Colanyl oxide R132-CN
- Clariant Division Pigments & Additives

End Uses: Coloring Tints

2. Composition/information on ingredients

Chemical characterization

C.I. Pigment Yellow 42 in aqueous dispersion containing propylene glycol

Hazardous ingredients (China):

3. Hazards identification

Hazards to health: According to the present state of knowledge, provided this product is handled correctly, there is no known danger to humans.

Hazards to the environment: According to the present state of knowledge, provided this product is handled correctly, there is no known danger to environment

4. First aid measures

General Information

Seek medical assistance if discomfort continues

After inhalation

Remove the casualty into fresh air and keep him calm.

After contact with skin

In case of contact with skin, clean with soap and water.

After contact with eyes

Rinse the affected eye with plenty of water, at the same time keep the unaffected eye well protected.

Substance key: 000000313378
Version: 1 – 1 / CHI

Revision Date: 23.2.2015
Date: 25.06.2008

After ingestion

If swallowed do not induce vomiting, seek medical advice and show safely datasheet or label

5. Fire-fighting measures

Suitable extinguishing media

Water spray jet
Dry powder
Carbon dioxide
Alcohol-resistant foam

Extinguishing media that must not be used for safety reasons

Full water jet

Special hazards from the substance itself, its combustion products or from its vapors

In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO)
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)

Special protective equipment for fire/fighting

Use self-contained breathing apparatus

6. Accidental release measures

Personal precautions

Wear suitable personal protective equipment.

Environmental precautions

Do not allow entry to drain, water courses or soil.

Methods for cleaning up/taking up

Take up with absorbent material (eg sand, kieselguhr, universal binder)
When picked up, treat material as prescribed under heading "Disposal"

7. Handling and storage

Advice on safe handling

When used and handled appropriately no special measures are needed

Advice on protection against fire and explosion

Observe the general rules of industrial fire protection

Further information on storage conditions

Keep container lightly closed
- Sensitive to frost–In case of the product becoming opaque, thickening or being frozen due to the effects of cold, allow to thaw slowly at room temperature. Stir briefly before use. Protect from direct sunlight
- Exposing the product to direct sunlight can result in localized drying, causing it to thicken or solidify.
Protect from heat

Substance key: 000000313378
Version: 1 – 1 / CHI

Revision Date: 23.2.2015
Date: 25.06.2008

8. Exposure controls/personal protection

General protective measures

Observe the usual precautions for handling chemicals.

Hygiene measures

Wash hands before breaks and after work

Use barrier skin cream.

Remove soiled or soaked clothing immediately and clean thoroughly before using again.

Hand protection:

Nitrile rubber gloves

Minimum breakthrough time (glove): not determined

Minimum thickness (glove): not determined

Observe the information of the glove manufacturers on permeability and breakthrough times and other workplace requirements

Eye protection:

Safety glasses

Body protection:

Working clothes

9. Physical and chemical properties

Form:

Liquid

Color:

Odor:

Not specified

:

>100°C (1.013 hPa)

Flash point:

No flash point – Measure made up to the boiling point

Ignition temperature:

Not tested.

Vapor pressure:

Not tested.

Density:

2 g/cm³ (10°C)

Solubility in water:

Miscible

pH value:

7.2 (20°C)

Determined in the undiluted form

Octanol/water partition

Not tested

Coefficient (log Pow):

Viscosity (dynamic):

2,000 mPa.s (23°C)

Use of the substance/preparation.

Industry sector:

Industrial Performance Chemicals
Paints, lacquers and varnishes industry
Polymers industry
Printing industry

Type of use:

Colorant preparation

Substance key: 000000313378
Version: 1 – 1 / CHI

Revision Date: 23.2.2015
Date: 25.06.2008

10. Stability and reactivity

Thermal decomposition: >100°C
with dehydration

Hazardous reactions

When handled and stored appropriately no dangerous reactions are known

Hazardous decomposition products

When handled and stored appropriately, no dangerous decomposition products are known

11. Toxicological information

Acute oral toxicity: LD50 >2.000 mg/kg
Irritant effect on skin: Non-irritant
Irritant effect on eyes: Non-irritant

12. Ecological information

Biodegradability: This property is substance-specific and therefore cannot be given for the preparation.
Fish toxicity: Not tested
Daphnia toxicity: Not tested
Algae toxicity: Not tested
Bacteria toxicity: Not tested

Remarks

Do not allow to enter soil, waterways or waste water

13. Disposal considerations

Product

Product should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary after consultation with the waste disposal operator and/or the competent Authorities.

Uncleaned packaging

Packaging that cannot be cleaned should be disposed of as product waste

14. Transport information

IATA Not restricted
IMDG Not restricted

Substance key: 000000313378
Version: 1 – 1 / CHI

Revision Date: 23.2.2015
Date: 25.06.2008

ADR	Not restricted
RID	Not restricted

15. Regulatory information

Labeling CN

According to GB 6944-2005, no hazard labeling is required

Labeling in accordance with EC-Directives

Hazard warning labeling not compulsory

16. Other information

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information. In all cases, our general conditions of sale apply.

Safety Data Sheet

Repair Kit Putty

1. Identification of the substance/preparation and company

Trade name: Floor Fix, VinylFix & TileFix Repair Kits

Item: Repair Kit Putty

End Uses: Floor Patching Repair

Identification of the company:

Cal-Flor Accessory Systems

1000 Cal Oak Road

Oroville, CA 95965

(530) 534-1426

2. Composition/information on ingredients

Description: Mixture of substances listed below with additions.

Components Name:	CAS No.	Weight Percent (%)
Calcium carbonate	471-34-1	34%
Acrylic resin	---	26.8%
Water	7732-18-5	10.7%
Additives	---	8.5%

3. Hazards identification

NFPA ratings (scale 0-4)



Healthy = 1; Fire = 1; Reactivity = 0

HMIS ratings (scale 0-4)

HEALTH	1
FIRE	1
REACTIVITY	0

Healthy = 1; Fire = 1; Reactivity = 0

Hazard description:



Xi: Irritant

Xn: Harmful

Information concerning particular hazards for human and environment: The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations Of the EU" in the latest valid version.

Routes of Entry: Eye contact, Skin contact, Ingestion

Potential Acute health Effects:

Eyes: Slightly hazardous by the following route of exposure: of eye contact (slightly irritant)

Skin: No known acute effects of this product resulting from skin contact in a short time, long time contact skin will irritate to the skin. However in light of good industrial hygiene, exposure to any chemical should be kept to a minimum.

Inhalation: The volatile smell have a small amount of inhaled will be no risk, much inhaled will irritate respiratory tract.

Ingestion: The product is expected harmful to Ingestion, directly swallowing the product will lead abdominal pain, diarrhea etc. and harmful if swallowed.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

Medical Conditions Aggravated by Overexposure: There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate any medical condition.

Overexposure/Signs/Symptoms: No information available.

4. First aid measures

After inhalation: If there have unwell feeling, supply fresh air; consult doctor in case of complaints.

After skin contact: Timely wash with water and soap and rinse thoroughly.

After eye contact: Immediately flush eyes with plenty of water for a few minutes, occasionally lifting the upper and lower eyelids. If the symptoms can not be eased. Get medical aid immediately.

After swallowing: Gargle with water and to drink enough water or milk to emetic, if symptoms persist consult doctor.

5. Fire-Fighting measures

Protective equipment: Wear fully protective suit. Mouth respiratory protective device. Do not inhale explosion gases or combustion gases.

Extinguishing Media: CO₂, sand, extinguishing power...

Flash point: Not available

Auto ignition Temperature: Not Applicable.

Special fire & explosion hazards: None.

Exiting using media: Dry Chemical, Carbon Dioxide, and Foam

Unusual Fire or Explosion Hazards: None.

6. Accidental release measures

Person-related safety precautions: Wear protective equipment.

Measures for environmental protection: Do not allow much product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.

Measures for cleaning/collecting: Small leak: Mix absorb leaked material with (sand, diatomite, sawdust) then Cleaning and placed into a suitable container handling and scrub the area with towel and water. Much leak: Isolation accident area to prevent the leak products to be contaminated and then to recycling collection the leak products...

7. Handling and storage

Information for safe handling: Store in cool, dry place in rightly closed receptacles. Ensure good ventilation/exhaustion at the workplace.

Information about fire- and explosion protection: Keep ignition sources away. Do not smoke.

Storage

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility: Store away from flammable substances.

Further information about storage conditions: Keep container tightly sealed. Store in cool, dry conditions in well sealed receptacles.

8. Exposure controls/personal protection

Ventilation and Engineering controls: No special ventilation and engineering controls are required.

Respiratory Protection: No special respiratory protection is required for use of these products. If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHS Standard, applicable U.S. State regulation, or the Canadian CSA standard.

Body Protection: General protective clothing.

Protective Gloves: Unnecessary, if use choose Rubber or plastic acid-resistant gloves with elbow-length gauntlet.

Eye Protection: Unnecessary, when necessary wear chemical goggles or face shield.

9. Physical and chemical properties**General Information**

Form:	Viscous Liquid
Color:	White
Odor:	Odorless
Change in condition	
Melting point/melting range:	Not available
Boiling point/Boiling range:	Not available
Flash point:	Not available
Self-igniting:	Not
Danger explosion:	Product does not present an explosion hazard
Density:	
Relative density:	>1 (water=1)
Vapor density:	Not available
Evaporation rate:	Not available
Solubility in/Miscibility with	
Water:	Insoluble
PH-Value:	Not available
Viscosity:	
Dynamic:	>10 mpa.s (25°C)

10. Stability and reactivity

Chemical Stability: The product is stable.

Hazardous Decomposition Products: The following combustion products may be generated: carbon dioxide, carbon monoxide, water vapor, and trace volatile organic compounds.

Hazardous Polymerization: Hazardous polymerization will not occur.

11. Toxicological information**Toxicity to Animals:**

LD50: Not available.

LC50: Not available.

Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified NONE by NTP: NONE by OSHA 3.
(Not classifiable for human) by IARC.**Other Toxic Effects on Humans:** None .**On the skin:** Irritating effect possible.**On the eye:** Irritating effect possible.**Carcinogenicity:** Not available.**Mutagenicity:** Not available.**Teratogenicity:** Not available.**12. Ecological information****Information about elimination (persistence and degradability):** Removable from water.**Mobility and bioaccumulation potential:** Not available.**Ecotoxicological effects:** Not available**Aquatic toxicity:** Not available**General notes:** Water hazard class 1 (German Regulation) (Self-assessment): Slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.**13. Disposal considerations****Product:** Must be disposed of in accordance with applicable Federal, state, and local regulations.**Recommendation:** Must not be disposed together with household garbage. Do not allow product to reach sewage system.**Uncleaned packaging:** Recommendation Disposal must be made according to official regulations.**14. Transport information****DOT Classification for Bulk Shipments (non bulk shipments may differ):** Not a DOT control material (United States).**DOT Proper Shipping Name:** Not applicable.**UN Number:** Not applicable.**Packing Group:** III**H.S. Number:** 3214109000**Marine Pollutant:** Yes.**Hazardous Substance Reportable Quantity:** Not available**Special Provisions for Transport:** Not applicable.**TDG Classification:** Not controlled under TDG (Canada)**ADR/RID Classification:** Not controlled under ADR (Europe)**IMO/IMDG Classification:** Not controlled under IMDG.**ICAO/IATA Classification:** Not controlled under IATA.**15. Regulatory information****HCS Classification:** This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200**U.S. Federal Regulation:****TSCA inventory:** All components are listed or exempted.

SARA 301/302/303:

No chemicals in this product are listed as extremely hazardous substances in 40 CFR 355. Emergency Planning and Notification.

SARA 304:

No chemicals in this product require reporting under the requirement of 40 CFR 355. Emergency Planning and Notification (SARA extremely hazardous substances listed in Appendix A to Part 355 or CERCLA hazardous substances listed in Table 302.4 of 40 CFR part 302).

SARA 313:

This product contains no chemicals in excess of the applicable de minimis concentration that are subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (Table 372.65).

Specific state and local regulations should be consulted to determine if there are any additional requirements. Because many States and localities have added requirements or incorporated the Federal contents in their own forms; Tier I & II forms should be obtained from the State Emergency Response Commission (SERC).

European/International Regulations:

European Labeling in Accordance with EC Directives

Hazard Symbols: Xi, Xn

Risk phrases:

22 Harmful if swallowed.

36/37/38 Irritating to eyes, respiratory system and skin.

Safety phrases:

2 Keep out of the reach of children.

25 Avoid contact with eye.

46 If swallowed, seek medical advice immediately and show this container or label.

16. Other information

The contents and format of this SDS are in accordance with ISO Commission Directive ISO11014-1:1994

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources, which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may be applicable.

Safety Data Sheet

Clear Water-based Lacquer

1. Identification of the substance/preparation and company

Trade name: Floor Fix, VinylFix & TileFix Repair Kits

Item: Clear Water-based Lacquer

End Uses: Floor Patch Shining

Identification of the company:

Cal-Flor Accessory Systems
1000 Cal Oak Road
Oroville, CA 95965
(530) 534-1426

2. Composition/information on ingredients

Description: Mixture of substances listed below with additions.

Components Name:	CAS No.	Weigh Percent (%)
Butyl acrylate	141-32-2	20.9%
Acrylic resin	---	3%
Methyl acrylate	96-33-3	11.1%
Surfactant	---	3.5%
Polyoxyethylene aliphatic alcohol	---	1.5%
Aqua (Water)	7732-18-5	60%

3. Hazards identification

NFPA ratings (scale 0-4)



Healthy = 1; Fire = 0; Reactivity = 0

HMIS ratings (scale 0-4)

HEALTH	1
FIRE	0
REACTIVITY	0

Healthy = 1; Fire = 0; Reactivity = 0

Hazard description:

Xi: Irritant
Xn: Harmful

Information concerning particular hazards for human and environment: The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations Of the EU" in the latest valid version.

Routes of Entry: Eye contact, Ingestion.

Potential Acute health Effects:

Eyes: Slightly hazardous by the following route of exposure: of eye contact (slightly irritant)

Skin: No known acute effects of this product resulting from skin contact in a short time, long time contact skin will irritate to the skin. However in light of good industrial hygiene, exposure to any chemical should be kept to a minimum.

Inhalation: The volatile smell have a small amount of inhaled will be no risk, much inhaled will irritate respiratory tract.

Ingestion: The product is expected harmful to Ingestion, directly swallowing the product will lead abdominal pain, diarrhea etc. and harmful if swallowed.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

Medical Conditions Aggravated by Overexposure: There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate any medical condition.

Overexposure/Signs/Symptoms: No information available.

4. First aid measures

After inhalation: If there have unwell feeling, supply fresh air; consult doctor in case of complaints.

After skin contact: Timely wash with water and soap and rinse thoroughly.

After eye contact: Immediately flush eyes with plenty of water for a few minutes, occasionally lifting the upper and lower eyelids. If the symptoms can not be eased. Get medical aid immediately.

After swallowing: Gargle with water and to drink enough water or milk to emetic, if symptoms persist consult doctor.

5. Fire-Fighting measures

Protective equipment: Wear fully protective suit. Mouth respiratory protective device. Do not inhale explosion gases or combustion gases.

Extinguishing Media: CO₂, sand, extinguishing power...

Flash point: Not available

Auto ignition Temperature: Not Applicable.

Special fire & explosion hazards: None.

Exiting using media: Dry Chemical, Carbon Dioxide, and Foam

Unusual Fire or Explosion Hazards: None.

6. Accidental release measures

Person-related safety precautions: Wear protective equipment.

Measures for environmental protection: Do not allow much product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.

Measures for cleaning/collecting: Small leak: Mix absorb leaked material with (sand, diatomite, sawdust) then Cleaning and placed into a suitable container handling and scrub the area with towel and water. Much leak: Isolation accident area to prevent the leak products to be contaminated and then to recycling collection the leak products...

7. Handling and storage

Information for safe handling: Store in cool, dry place in rightly closed receptacles. Ensure good ventilation/exhaustion at the workplace.

Information about fire- and explosion protection: Keep ignition sources away. Do not smoke.

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility: Store away from flammable substances.

Further information about storage conditions: Keep container tightly sealed. Store in cool, dry conditions in well sealed receptacles.

8. Exposure controls/personal protection

Ventilation and Engineering controls: No special ventilation and engineering controls are required.

Respiratory Protection: No special respiratory protection is required for use of these products. If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHS Standard, applicable U.S. State regulation, or the Canadian CSA standard.

Body Protection: General protective clothing.

Protective Gloves: Unnecessary, if use choose Rubber or plastic acid-resistant gloves with elbow-length gauntlet.

Eye Protection: Unnecessary, when necessary wear chemical goggles or face shield.

9. Physical and chemical properties

General Information

Form:	Liquid
Color:	Transparent or milky
Odor:	Odorless
Change in condition	
Melting point/melting range:	<0°C (Estimate)
Boiling point/Boiling range:	150°C
Flash point:	120°C
Self-igniting:	Not
Danger explosion:	Product does not present an explosion hazard
Density:	
Relative density:	1.1 (water=1)
Vapor density:	Not available
Evaporation rate:	Not available

Solubility in/Miscibility with

Water:	Soluble
PH-Value:	6-8
Viscosity:	
Dynamic:	Not available

10. Stability and reactivity

Chemical Stability: The product is stable.

Hazardous Decomposition Products: The following combustion products may be generated: carbon dioxide, carbon monoxide, water vapor, and trace volatile organic compounds.

Hazardous Polymerization: Hazardous polymerization will not occur.

11. Toxicological information**Toxicity to Animals:**

LD50: Not available.

LC50: Not available.

Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified NONE by NTP: NONE by OSHA 3. (Not classifiable for human) by IARC.

Other Toxic Effects on Humans: None .

On the skin: Irritating effect possible.

On the eye: Irritating effect possible.

Carcinogenicity: Not available.

Mutagenicity: Not available.

Teratogenicity: Not available.

12. Ecological information

Information about elimination (persistence and degradability): Removable from water.

Mobility and bioaccumulation potential: Not available.

Ecotoxicological effects: Not available

Acquatic toxicity: Not available

General notes: Water hazard class 1 (German Regulation) (Self-assessment): Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. Disposal considerations

Product: Must be disposed of in accordance with applicable Federal, state, and local regulations.

Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging: Recommendation Disposal must be made according to official regulations.

14. Transport information

DOT Classification for Bulk Shipments (non bulk shipments may differ): Not a DOT control material (United States).

DOT Proper Shipping Name: Not applicable.

UN Number: Not applicable.

Packing Group: III

Marine Pollutant: Yes.

Hazardous Substance Reportable Quantity: Not available

Special Provisions for Transport: Not applicable.

ADR/RID Classification: Not controlled under ADR (Europe)

ICAO/IATA Classification: Not controlled under IATA.

15. Regulatory information

HCS Classification: This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

U.S. Federal Regulation:

TSCA inventory: All components are listed or exempted.

SARA 301/302/303:

No chemicals in this product are listed as extremely hazardous substances in 40 CFR 355. Emergency Planning and Notification.

SARA 304:

No chemicals in this product require reporting under the requirement of 40 CFR 355. Emergency Planning and Notification (SARA extremely hazardous substances listed in Appendix A to Part 355 or CERCLA hazardous substances listed in Table 302.4 of 40 CFR part 302).

SARA 313:

This material contains Butyl acrylate (CAS# 141-32-2, 20.9%) and Methyl acrylate (CAS# 96-33-3, 11.1%), which are subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

Specific state and local regulations should be consulted to determine if there are any additional requirements. Because many States and localities have added requirements or incorporated the Federal contents in their own forms; Tier I & II forms should be obtained from the State Emergency Response Commission (SERC).

European/International Regulations:

European Labeling in Accordance with EC Directives

Hazard Symbols: Xi, Xn

Risk phrases:

22 Harmful if swallowed.

36/37/38 Irritating to eyes, respiratory system and skin.

Safety phrases:

2 Keep out of the reach of children.

25 Avoid contact with eye.

46 If swallowed, seek medical advice immediately and show this container or label.

16. Other information

The contents and format of this SDS are in accordance with ISO Commission Directive ISO11014-1:1994

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may be applicable.