

CND VINYLUX™ Weekly Top Coat

Safety Data Sheet

Prepared in accordance to UN GHS standards. Intended to comply with OSHA 29CFR1910.1200, Canadian WHMIS, and Australian Work Health and Safety.
Issue date: April 22, 2013 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name. : CND VINYLUX™ Weekly Top Coat
Product group : Trade product

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation : Cosmetics, personal care products

1.3. Details of the supplier of the safety data sheet

Creative Nail Design
1125 Joshua Way
Vista, CA 92081 - USA
T +1 (760) 599-2900
www.cnd.com
deborah.waite@cnd.com

1.4. Emergency telephone number

Emergency number : +1 (800) 424-9300 - CHEMTREC (US and Canada)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification in accordance with the Globally Harmonized Standard and regulations referenced above.

Flam. Liq. 2 H225
Acute Tox. 4 (Oral) H302
Eye Irrit. 2A H319
STOT SE 3 H336

Canadian WHMIS Classification

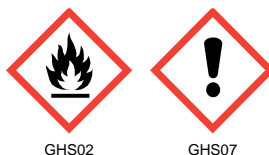
Class B Division 2 - Flammable Liquid
Class D Division 2 Subdivision B - Toxic material causing other toxic effects

2.2. Label elements

GHS label Elements: applies to OSHA 29CFR1910.1200, and Australian Work Health and Safety.

GHS labelling

Hazard pictograms (GHS) :



GHS02

GHS07

Signal word (GHS) :

Danger

Hazard statements (GHS) :

H225 - Highly flammable liquid and vapor
H302 - Harmful if swallowed
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness

Precautionary statements (GHS) :

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P233 - Keep container tightly closed
P243 - Take precautionary measures against static discharge
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P264 - Wash thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves

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P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P330 - If swallowed, rinse mouth
P337+P313 - If eye irritation persists: Get medical advice/attention
P370+P378 - In case of fire: Use carbon dioxide (CO₂), powder, alcohol-resistant foam, or water fog for extinction
P403+P233/235 - Store in a well-ventilated place. Keep container cool and tightly closed
P405 - Store locked up
P501 - Dispose of contents/container in accordance with local and national regulations.

Labelling according to Canadian WHMIS

Class B Division 2 - Flammable Liquid

Class D Division 2 Subdivision B - Toxic material causing other toxic effects



2.3. Other hazards

For handling bulk quantities (>5 liters):

P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof electrical/ventilating/lighting equipment

P242 - Use only non-sparking tools

AUH066: Prolonged or repeated contact may cause skin to become dry or cracked.

2.4. Unknown acute toxicity (GHS US)

1.5 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Oral), (Dermal), (Inhalation (Dust/Mist)).

SECTION 3: Composition/information on ingredients

All components contributing to the hazard classification and/or with OELs are listed below:

3.1. Substances

Not applicable

3.2. Mixtures

Exact compositions are withheld due to business confidentiality.

| Name | Product identifier | % | Classification (UN-GHS): US and Australia | Classification (WHMIS) Canada |
|-------------------------|--------------------|---------|--|---|
| Ethyl Acetate | (CAS No.) 141-78-6 | 36 - 44 | Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336 | Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
| Butyl Acetate | (CAS No.) 123-86-4 | 15 - 23 | Flam. Liq. 3, H226 STOT SE 3, H336 | Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
| Isopropyl Alcohol | (CAS No.) 67-63-0 | 8 - 14 | Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336 | Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
| Acetyl Tributyl Citrate | (CAS No.) 77-90-7 | 1 - 5 | Acute Tox. 2 (Oral), H300 | Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
| Acetone | (CAS No.) 67-64-1 | < 1 | Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336 | Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects |

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse. Destroy contaminated shoes.
- First-aid measures after eye contact : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- First-aid measures after ingestion : If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting unless directed to do so by medical personnel. Call a POISON CENTER/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : Inhalation may cause: irritation, cough, shortness of breath. May cause drowsiness or dizziness.
- Symptoms/injuries after skin contact : Prolonged or repeated contact may cause skin to become dry or cracked.

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Symptoms/injuries after eye contact : Causes serious eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

All treatments should be based on observed signs and symptoms of distress in the patient.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : If there is a fire close by, use suitable extinguishing agents: Carbon dioxide (CO₂), powder, alcohol-resistant foam, water fog.

Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapor. Easily ignited by sparks, heat or flames. Under fire conditions closed containers may rupture or explode. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors.

Explosion hazard : For quantities >5 liters, heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. May form flammable/explosive vapor-air mixture.

5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. All extinguishing media can be used.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Avoid all eyes and skin contact and do not breathe vapor and mist. Wear suitable gloves resistant to chemical penetration: butyl rubber.

Emergency procedures : Avoid all unnecessary exposure. Stop leak without risks if possible. Ventilate area.

6.1.2. For emergency responders

Protective equipment : Avoid all eyes and skin contact and do not breathe vapor and mist : Safety glasses, Gloves: butyl rubber.

Emergency procedures : Eliminate every possible source of ignition. Stop leak if safe to do so. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Absorb and/or contain spill with inert material, then place in suitable container.

Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Large spills: scoop solid spill into closing containers.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Handle empty containers with care because residual vapors are flammable.

Precautions for safe handling : Avoid all eyes and skin contact and do not breathe vapor and mist. Handle in a well-ventilated area. Prohibit all sources of sparks and ignition. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container. Keep container tightly closed and in a well-ventilated place. Keep in a fireproof place.

Incompatible products : Oxidizing agent.

Prohibitions on mixed storage : Store, if possible, in a cool, well ventilated place away from incompatible materials.

7.3. Specific end use(s)

Cosmetics, personal care products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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| Acetone (67-64-1) | | |
|--------------------------|-------------------------------------|------------------------|
| USA ACGIH | ACGIH TWA (ppm) | 500 ppm |
| USA ACGIH | ACGIH STEL (ppm) | 750 ppm |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 2400 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 1000 ppm |
| Canada (Quebec) | VECD (mg/m ³) | 2380 mg/m ³ |
| Canada (Quebec) | VECD (ppm) | 1000 ppm |
| Canada (Quebec) | VEMP (mg/m ³) | 1780 mg/m ³ |
| Canada (Quebec) | VEMP (ppm) | 750 ppm |
| Australia | TWA (mg/m ³) | 1810 mg/m ³ |
| Australia | TWA (ppm) | 750 ppm |
| Australia | STEL (mg/m ³) | 3620 mg/m ³ |
| Australia | STEL (ppm) | 1500 ppm |

| Butyl Acetate (123-86-4) | | |
|---------------------------------|-------------------------------------|-----------------------|
| USA ACGIH | ACGIH TWA (mg/m ³) | 713 mg/m ³ |
| USA ACGIH | ACGIH TWA (ppm) | 150 ppm |
| USA ACGIH | ACGIH STEL (mg/m ³) | 950 mg/m ³ |
| USA ACGIH | ACGIH STEL (ppm) | 200 ppm |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 710 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 150 ppm |
| Canada (Quebec) | VECD (mg/m ³) | 950 mg/m ³ |
| Canada (Quebec) | VECD (ppm) | 200 ppm |
| Canada (Quebec) | VEMP (mg/m ³) | 713 mg/m ³ |
| Canada (Quebec) | VEMP (ppm) | 150 ppm |
| Australia | TWA (mg/m ³) | 724 mg/m ³ |
| Australia | TWA (ppm) | 150 ppm |
| Australia | STEL (mg/m ³) | 966 mg/m ³ |
| Australia | STEL (ppm) | 200 ppm |

| Ethyl Acetate (141-78-6) | | |
|---------------------------------|-------------------------------------|------------------------|
| USA ACGIH | ACGIH TWA (mg/m ³) | 1440 mg/m ³ |
| USA ACGIH | ACGIH TWA (ppm) | 400 ppm |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 1400 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 400 ppm |
| Canada (Quebec) | VEMP (mg/m ³) | 1440 mg/m ³ |
| Canada (Quebec) | VEMP (ppm) | 400 ppm |
| Australia | TWA (mg/m ³) | 1460 mg/m ³ |
| Australia | TWA (ppm) | 400 ppm |

| Isopropyl Alcohol (67-63-0) | | |
|------------------------------------|-------------------------------------|------------------------|
| USA ACGIH | ACGIH TWA (mg/m ³) | 490 mg/m ³ |
| USA ACGIH | ACGIH TWA (ppm) | 200 ppm |
| USA ACGIH | ACGIH STEL (mg/m ³) | 960 mg/m ³ |
| USA ACGIH | ACGIH STEL (ppm) | 400 ppm |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 980 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 400 ppm |
| Canada (Quebec) | VECD (mg/m ³) | 1230 mg/m ³ |
| Canada (Quebec) | VECD (ppm) | 500 ppm |
| Canada (Quebec) | VEMP (mg/m ³) | 983 mg/m ³ |
| Canada (Quebec) | VEMP (ppm) | 400 ppm |
| Australia | TWA (mg/m ³) | 999 mg/m ³ |
| Australia | TWA (ppm) | 400 ppm |
| Australia | STEL (mg/m ³) | 1250 mg/m ³ |
| Australia | STEL (ppm) | 500 ppm |

8.2. Exposure controls

Appropriate engineering controls

: Either local exhaust or general room ventilation is usually required. No special work practices are needed beyond the above recommendations under anticipated conditions of normal use.

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Personal protective equipment : Gloves: recommended primarily for large-scale (industrial) operations, versus end-users for professional applications.



Materials for protective clothing : butyl rubber.
Hand protection : butyl rubber gloves.
Eye protection : When eye contact due to splashing is possible, wear goggles.
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment with organic vapor cartridges.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Viscous liquid
Color : Colourless
Odor : Esters
Odor threshold : No data available
pH : Not applicable
Relative evaporation rate (ether=1) : <1
Melting point : No data available
Freezing point : No data available
Boiling point : 77°C (350K) at 1013 hPa (Ethyl Acetate)
Flash point : <21°C (<294K)
Self ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapor pressure : No data available
Relative vapor density at 20 °C : No data available
Relative density : No data available
Solubility : Insoluble in water
Log Pow : No data available
Log Kow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : Not explosive
Oxidising properties : No oxidizing properties
Explosive limits : Approximately 1.8 – 11%

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous polymerization will not occur.

10.2. Chemical stability

Extremely flammable liquid and vapor. Heating may cause a fire or explosion.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Keep away from sources of ignition : Open flame, Overheating, Sparks.

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

Carbon oxides.

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SECTION 11: Toxicological information

11.1 Likely Routes of Exposure

The most likely routes of exposure are dermal (skin) contact and inhalation.

11.2 Symptoms Related to Physical, Chemical and Toxicological Characteristics

Inhalation may cause: irritation, cough, shortness of breath.

Causes serious eye irritation.

11.3 Effects from Exposure

Inhalation exposure may also cause drowsiness or dizziness.

Prolonged or repeated contact may cause skin to become dry or cracked.

11.4. Information on toxicological effects

Acute toxicity : Harmful if swallowed.

| VINYLUX Weekly Top Coat | |
|-------------------------|-----------------|
| ATE (oral) | 500.00000 mg/kg |

| Acetyl Tributyl Citrate (77-90-7) | |
|-----------------------------------|------------|
| LD50 oral rat | 31.4 mg/kg |
| ATE (oral) | 31.4 mg/kg |

| Acetone (67-64-1) | |
|----------------------------|--------------|
| LD50 oral rat | 5800 mg/kg |
| LD50 dermal rabbit | > 7400 mg/kg |
| LC50 inhalation rat (mg/l) | 76 mg/l/4h |
| ATE (oral) | 5800 mg/kg |
| ATE (dust,mist) | 76 mg/l/4h |

| Ethyl Acetate (141-78-6) | |
|----------------------------|---------------|
| LD50 oral rat | 5620 mg/kg |
| LD50 dermal rabbit | > 20000 mg/kg |
| LC50 inhalation rat (mg/l) | > 18 mg/l/4h |
| ATE (oral) | 5620 mg/kg |

| Butyl Acetate (123-86-4) | |
|----------------------------|---------------|
| LD50 oral rat | 10760 mg/kg |
| LD50 dermal rabbit | > 14112 mg/kg |
| LC50 inhalation rat (mg/l) | > 21 mg/l/4h |
| ATE (oral) | 10760 mg/kg |

| Isopropyl Alcohol (67-63-0) | |
|-----------------------------|----------------|
| LD50 oral rat | 5840 mg/kg |
| LD50 dermal rabbit | 16.4 ml/kg |
| LC50 inhalation rat (ppm) | > 10000 ppm/4h |
| ATE (oral) | 5840 mg/kg |

| Glycidoxypropyl Silsesquioxane (68611-45-0) | |
|---|--|
| LD50 oral rat | > 10000 mg/kg |
| LD50 dermal rat | > 2000 mg/kg No deaths. |
| LC50 inhalation rat (mg/l) | > 1875 mg/l/4h No deaths or ill effects at this level (4 hr) |

| | |
|--|--------------------------------------|
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Causes serious eye irritation. |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : May cause drowsiness or dizziness. |
| Aspiration hazard | : Not classified |

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11.5. Carcinogenicity Lists

No components are considered carcinogenic.

SECTION 12: Ecological information

12.1. Toxicity

No data is available for the product. Component data is listed below :

| Acetyl Tributyl Citrate (77-90-7) | |
|-----------------------------------|-------------------|
| LC50 fish 1 | 38 (38 - 60) mg/l |
| EC50 Daphnia 1 | 7.82 mg/l |
| NOEC (acute) | 10 mg/l |

| Acetone (67-64-1) | |
|------------------------|---|
| LC50 fish 1 | 7163 (6210 - 8120) mg/l Pimephales promelas |
| EC50 Daphnia 1 | 30806 mg/l |
| LOEC (chronic) | 2212 mg/l |
| NOEC chronic crustacea | > 1106 mg/l |

| Ethyl Acetate (141-78-6) | |
|--------------------------|-------------|
| LC50 fish 1 | 220 mg/l |
| EC50 Daphnia 1 | 1200 mg/l |
| NOEC chronic fish | < 9.35 mg/l |

12.2. Persistence and degradability

No data is available for the product. Component data is listed below :

| Glycidoxypropyl Silsesquioxane (68611-45-0) | |
|---|------------------------|
| Persistence and degradability | Readily biodegradable. |

| Ethyl Acetate (141-78-6) | |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |

| Acetyl Tributyl Citrate (77-90-7) | |
|-----------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |

| Acetone (67-64-1) | |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |

12.3. Bioaccumulative potential

Not expected to bioaccumulate. No data is available for the product. Component data is listed below :

| Acetone (67-64-1) | |
|-------------------------------------|--------------------------------|
| Bioconcentration factor (BCF REACH) | 3 |
| Bioaccumulative potential | Not expected to bioaccumulate. |

| Glycidoxypropyl Silsesquioxane (68611-45-0) | |
|---|--------------------------------|
| Bioaccumulative potential | Not expected to bioaccumulate. |

| Ethyl Acetate (141-78-6) | |
|---------------------------|--------------------------------|
| Bioaccumulative potential | Not expected to bioaccumulate. |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations. Significant quantities of waste product residues should be processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

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SECTION 14: Transport information

In accordance with US DOT / ADR / CANADIAN TDG / IMDG / ICAO / IATA

14.1. UN number

UN-No. : 1263

14.2. UN proper shipping name

Proper Shipping Name : Paint
Transportation Hazard Classes : 3 - Class 3 - Flammable and combustible liquid
Hazard labels : 3 - Flammable liquid



Packing group : III - Minor Danger

Excepted Quantities : US DOT: < 1.0 L – Not regulated
CANADIAN TDG: < 1.0 L – Not regulated
IATA/ICAO: < 0.5L – Not regulated

US DOT Special Provisions (49 CFR 172.102) : B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.
B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks.
IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).
T2 - 1.5 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

US DOT Packaging Exceptions (49 CFR 173.xxx) : 150
US DOT Packaging Non Bulk (49 CFR 173.xxx) : 173
US DOT Packaging Bulk (49 CFR 173.xxx) : 242

14.2 Additional information

Emergency Response Guide (ERG) Number : 128

Overland transport

Packing group (ADR) : III
Class : 3 - Flammable liquids
Hazard identification number (Kemler No.) : 33
Classification code (ADR) : F1
Danger labels (ADR) : 3 - Flammable liquid



Orange plates : An orange rectangular label with a black border. It is divided into two horizontal sections. The top section contains the number '33' and the bottom section contains the number '1263'.

Tunnel restriction code : D/E
Excepted quantities (ADR) : E1

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Transport by sea

US DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

Air transport

IATA/IACO Quantity Limitations Passenger aircraft/rail : 60L

IATA/IACO Quantity Limitations Cargo aircraft only : 220L

SECTION 15: Regulatory information

15.1. US Federal regulations

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Acetone (67-64-1)
Glycidoxypropyl Silsesquioxane (68611-45-0)
Butyl Acetate (123-86-4)
Ethyl Acetate (141-78-6)
Acetyl Tributyl Citrate (77-90-7)
Isopropyl Alcohol (67-63-0)

Glycidoxypropyl Silsesquioxane (68611-45-0)

| | |
|--------------------------|--|
| EPA TSCA Regulatory Flag | XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e., Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)). |
|--------------------------|--|

Butyl Acetate (123-86-4)

| | |
|--|---------|
| RQ (Reportable quantity, section 304 of EPA's List of Lists) : | 5000 lb |
|--|---------|

Ethyl Acetate (141-78-6)

| | |
|--|---------|
| RQ (Reportable quantity, section 304 of EPA's List of Lists) : | 5000 lb |
|--|---------|

Isopropyl Alcohol (67-63-0)

| | |
|-------------------------------------|-------------|
| SARA Section 311/312 Hazard Classes | Fire hazard |
|-------------------------------------|-------------|

Acetone (67-64-1)

| | |
|--|---------|
| RQ (Reportable quantity, section 304 of EPA's List of Lists) : | 5000 lb |
|--|---------|

15.2. International regulations

CANADA

CND VINYLUX™ Weekly Top Coat

| | |
|----------------------|--|
| WHMIS Classification | Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
|----------------------|--|

Listed on the Canadian DSL (Domestic Substances List) inventory

Acetone (67-64-1)
Acetyl Tributyl Citrate (77-90-7)
Glycidoxypropyl Silsesquioxane (68611-45-0)
Butyl Acetate (123-86-4)
Ethyl Acetate (141-78-6)
Isopropyl Alcohol (67-63-0)

EU-Regulations

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances

Acetone (67-64-1)
Acetyl Tributyl Citrate (77-90-7)
Butyl Acetate (123-86-4) EC Number: 204-658-1
Ethyl Acetate (141-78-6) EC Number: 205-500-4
Isopropyl Alcohol (67-63-0) EC Number: 200-661-7

Not Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances

Glycidoxypropyl Silsesquioxane (68611-45-0)

Classification according to Regulation (EC) No. 1272/2008 [CLP]

| | |
|---------------------|------|
| Flam. Liq. 2 | H225 |
| Acute Tox. 4 (Oral) | H302 |
| Eye Irrit. 2A | H319 |
| STOT SE 3 | H336 |

CND VINYLUX™ Weekly Top Coat

Safety Data Sheet

Prepared in accordance to UN GHS standards. Intended to comply with OSHA 29CFR1910.1200, Canadian WHMIS, and Australian Work Health and Safety.

15.2.2. National regulations

Listed on the AICS (the Australian Inventory of Chemical Substances).

Acetone (67-64-1)
Glycidoxypropyl Silsesquioxane (68611-45-0)
Butyl Acetate (123-86-4)
Ethyl Acetate (141-78-6)
Acetyl Tributyl Citrate (77-90-7)
Isopropyl Alcohol (67-63-0)

15.3. US State regulations

Acetone (67-64-1)

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New York - Right to Know List of Hazardous Substances

Butyl Acetate (123-86-4)

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
U.S. - Idaho - Occupational Exposure Limits - Ceilings
U.S. - Minnesota - Hazardous Substance List
U.S. - Washington - Permissible Exposure Limits – TWAs
U.S. - Washington - Permissible Exposure Limits - STELs
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New York - Right to Know List of Hazardous Substances
U.S. - Pennsylvania - List of Hazardous Substances

Ethyl Acetate (141-78-6)

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
U.S. - Idaho - Occupational Exposure Limits - Ceilings
U.S. - New York - Right to Know List of Hazardous Substances
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - List of Hazardous Substances
U.S. - Washington - Permissible Exposure Limits – TWAs
U.S. - Washington - Permissible Exposure Limits - STELs

Isopropyl Alcohol (67-63-0)

U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
U.S. - Idaho - Occupational Exposure Limits - Ceilings
U.S. - Minnesota - Hazardous Substance List
U.S. - New York - Right to Know List of Hazardous Substances
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Washington - Permissible Exposure Limits - TWAs
U.S. - Washington - Permissible Exposure Limits - STELs

Not included in State Right-to-Know Hazardous Chemicals Lists

Acetyl Tributyl Citrate (77-90-7)
Glycidoxypropyl Silsesquioxane (68611-45-0)

SECTION 16: Other information

Data sources

: ESIS (European chemical Substances Information System; accessed at: <http://esis.jrc.ec.europa.eu/index.php?PGM=cla>.
Canadian Centre for Occupational Health and Safety; accessed at http://www.ccohs.ca/oshanswers/legisl/msds_lab.html
Chemical Book. Accessed at: http://www.chemicalbook.com/ChemicalProductProperty_EN_CB6781086.htm
Chemical Inspection & Regulation Service; accessed at: http://www.cirs-reach.com/Inventory/Global_Chemical_Inventories.html.
European Chemicals Agency (ECHA) Registered Substances list. Accessed at <http://echa.europa.eu>
Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition.
Merck Index, Eleventh edition.

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National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition.

OECD eChemPortal. Accessed at

<http://www.echemportal.org/echemportal/page.action?pageID=9>

SafeWork Australia *Workplace Exposure Standards for Airborne Contaminants*.
22December2011.

Toxnet. Accessed at: [http://toxnet.nlm.nih.gov/cgi-](http://toxnet.nlm.nih.gov/cgi-bin/sis/search/r?dbs+hsdb:@term+@na+ACETYL+TRIBUTYL+CITRATE)

[bin/sis/search/r?dbs+hsdb:@term+@na+ACETYL TRIBUTYL CITRATE](http://toxnet.nlm.nih.gov/cgi-bin/sis/search/r?dbs+hsdb:@term+@na+ACETYL+TRIBUTYL+CITRATE)

TSCA Chemical Substance Inventory. Accessed at

<http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html>.

US National Library of Medicine National Institutes of Health Haz-Map. Accessed at
<http://hazmap.nlm.nih.gov>.

Abbreviations and acronyms

- : ACGIH (American Conference of Government Industrial Hygienists).
- ATE: Acute Toxicity Estimate.
- CAS (Chemical Abstracts Service) number.
- EC50: Environmental Concentration associated with a response by 50% of the test population.
- . GHS: Globally Harmonized System (of Classification and Labeling of Chemicals .
- LD50: Lethal Dose for 50% of the test population.
- NOEC: No Observable Effect Concentration.
- OSHA: Occupational Safety & Health Administration.
- STEL: Short Term Exposure Limits.
- TSCA: Toxic Substances Control Act.
- TWA: Time Weight Average.

Training advice

- : Normal use of this product shall imply use in accordance with the instructions on the packaging.

NFPA health hazard

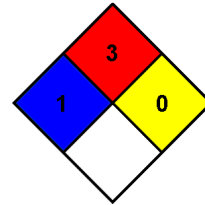
- : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard

- : 3 - Liquids and solids that can be ignited under almost all ambient conditions.

NFPA reactivity

- : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



Full text of R-, and H- and AUH- phrases::

| | |
|---------------------|--|
| Acute Tox. 2 (Oral) | Acute toxicity (oral) Category 2 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4 |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Flam. Liq. 2 | Flammable liquids Category 2 |
| Flam. Liq. 3 | Flammable liquids Category 3 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H225 | Highly flammable liquid and vapor |
| H226 | Flammable liquid and vapor |
| H300 | Fatal if swallowed |
| H302 | Harmful if swallowed |
| H319 | Causes serious eye irritation |
| H336 | May cause drowsiness or dizziness |
| AUH066 | Prolonged or repeated contact may cause skin to become dry or cracked. |

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Redstone SDS US_AUS_CA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.