

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 1 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

SECTION 1: Identification

Product identifier

Product name: Quick Dry Penetrating Wood Finish - Provincial

Product code: 30111, 30114

Recommended use of the product and restriction on use

Relevant identified uses: Finishes, Coatings, and Related Materials

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:

United States

Absolute Coatings

1999 Elizabeth Street

North Brunswick , New Jersey 089026316

(732)821-3200

Emergency telephone number:

United States

CHEMTREC

(703)527-3887 (24 HRS)

(800)424-9300

SECTION 2: Hazard(s) identification

GHS classification:

Skin irritation, category 2

Eye irritation, category 2A

Flammable liquids, category 3

Skin sensitization, category 1

Respiratory sensitization, category 1

Carcinogenicity, category 2

Reproductive toxicity, category 1B

Specific target organ toxicity - single exposure, category 3, narcotic effects

Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements:

H226 Flammable liquid and vapor

H315 Causes skin irritation

H319 Causes serious eye irritation

H317 May cause an allergic skin reaction

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 2 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

H351 Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

H360 May damage fertility or the unborn child (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

H336 May cause drowsiness or dizziness

Precautionary statements:

P264 Wash skin thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P272 Contaminated work clothing must not be allowed out of the workplace

P284 Wear respiratory protection

P201 Obtain special instructions before use

P202 Do not handle until all safety precautions have been read and understood

P271 Use only outdoors or in a well-ventilated area

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking

P233 Keep container tightly closed

P240 Ground/bond container and receiving equipment

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

P242 Use only non-sparking tools

P243 Take precautionary measures against static discharge

P302+P352 IF ON SKIN: Wash with plenty of water/ ...

P321 Specific treatment (see ... on this label)

P332+P313 If skin irritation occurs: Get medical advice/attention

P362 Take off contaminated clothing and wash it before reuse

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337+P313 If eye irritation persists: Get medical advice/attention

P333+P313 If skin irritation or rash occurs: Get medical advice/attention

P363 Wash contaminated clothing before reuse

P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor/ ...

P308+P313 IF exposed or concerned: Get medical advice/attention

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P312 Call a POISON CENTER/doctor/.../if you feel unwell

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

P370+P378 In case of fire: Use ... to extinguish

P405 Store locked up

P403+P233 Store in a well-ventilated place. Keep container tightly closed

P403+P235 Store in a well-ventilated place. Keep cool

P501 Dispose of contents/container to...

Hazards not otherwise classified: None

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
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Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 3 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

CAS number: 136-52-7	Cobalt bis(2-ethylhexanoate)	<0.7
CAS number: 22464-99-9	Zirconium 2-Ethylhexanoate	<0.8
CAS number: 8052-41-3	Stoddard Solvent with < 0.1% Benzene content	<60
CAS number: 95-63-6	1, 2, 4-Trimethylbenzene	<6
CAS number: 111-84-2	Nonane	<5
CAS number: 108-88-3	Toluene	<3
CAS number: 100-41-4	Ethyl Benzene	<3
CAS number: 71-43-2	Benzene	<0.6
CAS number: 91-20-3	Naphthalene	<0.6
CAS number: 8007-24-7	Cashew nutshell liquid	<0.3
CAS number: 872-50-4	1-methyl-2-pyrrolidone	<0.2
CAS number: 96-29-7	Methyl ethyl ketoxime	<0.2
CAS number: 64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	<0.2

Additional Information: None

SECTION 4: First aid measures

Description of first aid measures

General notes:

Show this Safety Data Sheet to the doctor in attendance.

After inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If experiencing respiratory symptoms, seek medical advice/attention.

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If exposed, seek medical advice/attention.

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If symptoms develop or persist, seek medical advice/attention.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 4 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

After skin contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

After eye contact:

Rinse eyes with plenty of water for several minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

Rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

After swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Skin contact may result in redness, pain, burning and inflammation.

Eye contact may result in irritation, redness, pain, inflammation, itching, burning and tearing.

Dermal exposure may cause an allergic skin reaction. Symptoms may include irritation, redness, pain, rash, inflammation, itching, burning and dermatitis.

Inhalation exposure may cause allergy, asthma symptoms or breathing difficulties. Symptoms may include cough, chronic phlegm, shortness of breath, wheezing and chest tightness. Symptoms may be delayed.

Inhalation may have adverse effects on the central nervous system. Symptoms may include drowsiness, dizziness, headache, nausea and lowering of consciousness. Acute overexposure via inhalation may result in respiratory distress, confusion and unconsciousness.

Product is highly flammable. Exposure to sources of ignition may cause physical injury.

Delayed symptoms and effects:

Effects are dependent on exposure (dose, concentration, contact time).

Suspected of causing cancer.

Long term exposure may affect fertility. Symptoms include, but are not limited to: menstrual problems, altered sexual behavior/fertility/ and pregnancy outcome. Long term exposure may also affect development of the unborn child. Symptoms include, but are not limited to: intrauterine growth retardation, pre-term birth, birth defects and postnatal death.

Immediate medical attention and special treatment

Specific treatment:

Effects are dependent on exposure (dose, concentration, contact time).

Overexposure via inhalation requires urgent medical treatment.

Notes for the doctor:

Treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 5 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

Dry chemical, CO₂, water spray or alcohol-resistant foam.

Unsuitable extinguishing media:

Do not use water jet.

Specific hazards during fire-fighting:

Thermal decomposition may produce irritating/toxic fumes/gases.

Flammable liquid. Will be easily ignitable by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation.

Special protective equipment for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA with a full-face piece operated in positive pressure mode).

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

Special precautions:

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts.

Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers.

Avoid unnecessary run-off of extinguishing media which may cause pollution.

Evacuate non-essential personnel. Ventilate closed spaces before entering. Consider initial evacuation for 300 meters in all directions. If tank/rail car is involved in the fire, ISOLATE for 800 meters in all directions.

Fight fire from a maximum distance. Move containers from fire area if you can do it without risk. Use water spray/fog for cooling fire exposed containers. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Always stay away from tanks engulfed in fire. For massive fire, use unmanned hose holders or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Stand by, at a safe distance, with extinguisher ready for possible re-ignition. A vapor-suppressing foam may be used to reduce vapors. Avoid unnecessary run-off of extinguishing media which may cause pollution. Do not handle damaged containers unless specialized to do so.

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts.

Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers.

Avoid unnecessary run-off of extinguishing media which may cause pollution.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. All equipment used when handling the product must be grounded. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Do not get on skin, eyes or on clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 6 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

Methods and material for containment and cleaning up:

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. A vapor-suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Avoid breathing dust, mist, fumes, vapors or spray. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Reference to other sections:

For personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: Handling and storage

Precautions for safe handling:

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating and lighting equipment. Take action to prevent static discharges. Handle containers with caution. Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Conditions for safe storage, including any incompatibilities:

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	Zirconium 2-Ethylhexanoate	22464-99-9	8-Hour TWA: 5 mg/m ³ (as Zr)
	Zirconium 2-Ethylhexanoate	22464-99-9	15-Minute STEL: 10 mg/m ³ (as Zr)
	Stoddard Solvent with < 0.1% Benzene content	8052-41-3	8-Hour TWA: 100 ppm
	1, 2, 4-Trimethylbenzene	95-63-6	8-Hour TWA: 25 ppm

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 7 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Nonane	111-84-2	8-Hour TWA: 200 ppm
	Toluene	108-88-3	TWA: 20 ppm
	Benzene	71-43-2	8-Hour TWA: 0.5 ppm
	Benzene	71-43-2	15-Minute STEL: 2.5 ppm
	Naphthalene	91-20-3	TWA: 10 ppm
	Naphthalene	91-20-3	STEL: 15 ppm
NIOSH	Zirconium 2-Ethylhexanoate	22464-99-9	REL: 5 mg/m ³ (as Zr)
	Zirconium 2-Ethylhexanoate	22464-99-9	STEL: 10 mg/m ³ (as Zr)
	Zirconium 2-Ethylhexanoate	22464-99-9	IDLH: 25 mg/m ³ (as Zr)
	Stoddard Solvent with < 0.1% Benzene content	8052-41-3	Ceiling Limit: 1800 mg/m ³ (15-min)
	Stoddard Solvent with < 0.1% Benzene content	8052-41-3	IDLH: 20000 mg/m ³
	Stoddard Solvent with < 0.1% Benzene content	8052-41-3	REL: 350 mg/m ³
	1, 2, 4-Trimethylbenzene	95-63-6	REL: 25 ppm
	1, 2, 4-Trimethylbenzene	95-63-6	REL: 125 mg/m ³
	Nonane	111-84-2	REL: 200 ppm
	Nonane	111-84-2	REL: 1050 mg/m ³
	Toluene	108-88-3	TWA: 375 mg/m ³ (100 ppm)
	Toluene	108-88-3	STEL: 560 mg/m ³ (150 ppm)
	Ethyl Benzene	100-41-4	REL-TWA: 435 mg/m ³ (100 ppm [10-hr])
	Ethyl Benzene	100-41-4	STEL: 545 mg/m ³ (125 ppm)
	Benzene	71-43-2	REL: 0.1 ppm
	Benzene	71-43-2	STEL: 1 ppm
	Benzene	71-43-2	IDLH: 500 ppm
	Naphthalene	91-20-3	TWA: 10 ppm
	Naphthalene	91-20-3	TWA: 50 mg/m ³
	Naphthalene	91-20-3	STEL: 15 ppm
Naphthalene	91-20-3	STEL: 75 mg/m ³	
Ethyl Benzene	100-41-4	IDLH: 800 ppm	
OSHA	Zirconium 2-Ethylhexanoate	22464-99-9	TWA: 5 mg/m ³ (as Zr)
	Zirconium 2-Ethylhexanoate	22464-99-9	PEL: 5 mg/m ³ (as Zr)
	Zirconium 2-Ethylhexanoate	22464-99-9	STEL: 10 mg/m ³ (as Zr)
	Stoddard Solvent with < 0.1% Benzene content	8052-41-3	PEL: 525 mg/m ³
	Stoddard Solvent with < 0.1% Benzene content	8052-41-3	PEL: 100 ppm
	1, 2, 4-Trimethylbenzene	95-63-6	TWA: 25 ppm
	1, 2, 4-Trimethylbenzene	95-63-6	TWA: 125 mg/m ³
	Nonane	111-84-2	TWA: 200 ppm

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 8 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Nonane	111-84-2	TWA: 1050 mg/m ³
	Ethyl Benzene	100-41-4	8-Hour TWA-PEL: 435 mg/m ³ (100 ppm)
	Benzene	71-43-2	TWA: 1 ppm
	Benzene	71-43-2	STEL: 5 ppm
	Naphthalene	91-20-3	TWA: 10 ppm
	Naphthalene	91-20-3	TWA: 50 mg/m ³
United States(California)	Stoddard Solvent with < 0.1% Benzene content	8052-41-3	8-Hour TWA: 100 ppm
	Stoddard Solvent with < 0.1% Benzene content	8052-41-3	8-Hour TWA: 525 mg/m ³
	Nonane	111-84-2	8-Hour TWA: 200 ppm
	Nonane	111-84-2	8-Hour TWA: 1050 mg/m ³
	Toluene	108-88-3	PEL: 37 mg/m ³ (10 ppm)
	Toluene	108-88-3	STEL: 560 mg/m ³ (150 ppm)
	Toluene	108-88-3	Ceiling Limit: 500 ppm
	Ethyl Benzene	100-41-4	8-Hour TWA-PEL: 22 mg/m ³ (5 ppm)
	Ethyl Benzene	100-41-4	PEL-STEL: 130 mg/m ³ (30 ppm)
	Benzene	71-43-2	PEL: 1 ppm
	Benzene	71-43-2	STEL: 5 ppm
	Naphthalene	91-20-3	PEL: 0.1 ppm
	Naphthalene	91-20-3	PEL: 0.5 mg/m ³
	1-methyl-2-pyrrolidone	872-50-4	8-Hour TWA: 1 ppm
1-methyl-2-pyrrolidone	872-50-4	8-Hour TWA: 4 mg/m ³	
United States	Toluene	108-88-3	PEL: 300 ppm (Ceiling)
	Toluene	108-88-3	PEL: 200 ppm (TWA)
	Toluene	108-88-3	PEL: 500 ppm (Peak 10 mins)
WEEL	1-methyl-2-pyrrolidone	872-50-4	8-Hour TWA: 10 ppm
	1-methyl-2-pyrrolidone	872-50-4	8-Hour TWA: 40 mg/m ³
	Methyl ethyl ketoxime	96-29-7	8-Hour TWA: 10 ppm
	Methyl ethyl ketoxime	96-29-7	8-Hour TWA: 36 mg/m ³

Biological limit values:

Country (Legal Basis)	Substance	Identifier	Determinant	Specimen	Sampling time	Permissible limits
ACGIH	1-methyl-2-pyrrolidone	872-50-4	5-Hydroxy-N-methyl-2-pyrrolidone	Urine	End of shift	100 mg/L

Information on monitoring procedures:

Not determined or not applicable.

Appropriate engineering controls:

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 9 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

Personal protection equipment

Eye and face protection:

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

Skin and body protection:

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

Respiratory protection:

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn.

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

General hygienic measures:

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Dark Brown liquid
Odor	Mild
Odor threshold	N/A
pH	N/A
Melting point/freezing point	N/A
Initial boiling point/range	155°C
Flash point (closed cup)	>38°C
Evaporation rate	N/A
Flammability (solid, gas)	N/A
Upper flammability/explosive limit	N/A
Lower flammability/explosive limit	0.75-1.20 %
Vapor pressure	N/A
Vapor density	N/A
Density	0.86 +/- 0.02 g/cc
Relative density	0.86 +/- 0.02

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 10 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

Solubilities	N/A
Partition coefficient (n-octanol/water)	N/A
Auto/Self-ignition temperature	N/A
Decomposition temperature	N/A
Dynamic viscosity	N/A
Kinematic viscosity	N/A
Explosive properties	N/A
Oxidizing properties	N/A

Other information

SECTION 10: Stability and reactivity

Reactivity:

Not reactive under recommended handling and storage conditions.

Chemical stability:

Stable under recommended handling and storage conditions.

Possibility of hazardous reactions:

Hazardous reactions are not anticipated under recommended conditions of handling and storage.

Conditions to avoid:

Extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

Extreme heat, open flames, hot surfaces, sparks, ignition sources, static electricity and incompatible materials. Vapor accumulation in low or confined areas.

Incompatible materials:

None known.

Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Acute toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Route	Result
Cobalt bis(2-ethylhexanoate)	oral	LD50 Rat: 3129 mg/kg
	dermal	LD50 Rat: >2000 mg/kg
Zirconium 2-Ethylhexanoate	oral	LD50 Rat: >5000 mg/kg
	dermal	LD50 Guinea pig: 6300 mg/kg
Stoddard Solvent with < 0.1% Benzene content	oral	LD50 Rat: > 5000 mg/kg
	inhalation	LC50 Rat: > 5.5 mg/L (4 h)
	dermal	LD50 Rabbit: >3000 mg/kg
1, 2, 4-Trimethylbenzene	inhalation	LC50 Rat: 18,000 mg/m ³
	oral	LD50 Rat: 6000 mg/kg

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 11 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

Name	Route	Result
Nonane	oral	LD50 Rat: 5000 mg/kg
	inhalation	LC50 Rat: 17.5 mg/L (4 hours)
	dermal	LD50 Rabbit: >2000 mg/kg
Toluene	oral	LD50 Rat: 5000 mg/kg
	dermal	LD50 Rabbit: 12,000 mg/kg
	inhalation	LC50 Rat: 25.7 mg/L (4 h [Vapor])
Ethyl Benzene	inhalation	LC50 Rat: 4000 ppmV (4 h)
	oral	LD50 Rat: 5460 mg/kg
	dermal	LD50 Rabbit: 17,800 mg/kg
Naphthalene	oral	LD50 Mouse: 316 mg/kg
	dermal	LD50 Rabbit: >2000 mg/kg
	inhalation	LC50 Rat: >0.4 mg/L (4 h (Vapor))
Cashew nutshell liquid	dermal	LD50 Rat: 2000 mg/kg
1-methyl-2-pyrrolidone	oral	LD50 Rat: 4150 mg/kg
	inhalation	LC50 Rat: >5.1 mg/L (4 hours)
	dermal	LD50 Rat: >5000 mg/kg
Methyl ethyl ketoxime	oral	LD50 Rat: 2326 mg/kg
	dermal	LD50 Rabbit: 1000 mg/kg
Naphtha (petroleum), hydrodesulfurized heavy	oral	LD50 Rat: > 5000 mg/kg

Skin corrosion/irritation

Assessment:

Causes skin irritation.

Product data:

No data available.

Substance data:

Name	Result
Stoddard Solvent with < 0.1% Benzene content	Causes skin irritation.
1, 2, 4-Trimethylbenzene	Causes skin irritation.
Nonane	Causes skin irritation.
Toluene	Causes skin irritation.
Benzene	Causes skin irritation.
Cashew nutshell liquid	Causes skin irritation.
1-methyl-2-pyrrolidone	Causes skin irritation.

Serious eye damage/irritation

Assessment:

Causes serious eye irritation.

Product data:

No data available.

Substance data:

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 12 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

Name	Result
1, 2, 4-Trimethylbenzene	Causes serious eye irritation.
Benzene	Causes serious eye irritation.
Cashew nutshell liquid	Causes serious eye damage
1-methyl-2-pyrrolidone	Causes serious eye irritation.
Methyl ethyl ketoxime	Causes serious eye damage.

Respiratory or skin sensitization

Assessment:

May cause an allergic skin reaction.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Product data:

No data available.

Substance data:

Name	Result
Cobalt bis(2-ethylhexanoate)	May cause an allergic skin reaction.
	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Cashew nutshell liquid	May cause an allergic skin reaction.
Methyl ethyl ketoxime	May cause an allergic skin reaction.

Carcinogenicity

Assessment:

Suspected of causing cancer.

Product data: No data available.

Substance data:

Name	Species	Result
Benzene		May cause cancer.
Naphthalene		May cause cancer.
Naphtha (petroleum), hydrodesulfurized heavy		May cause cancer.

International Agency for Research on Cancer (IARC):

Name	Classification
Toluene	Group 3
Ethyl Benzene	Group 2B
Benzene	Group 1
Naphthalene	Group 2B

National Toxicology Program (NTP):

Name	Classification
Benzene	Known to be human carcinogens
Naphthalene	Reasonably anticipated to be human carcinogens
Ethyl Benzene	Not Applicable

OSHA Carcinogens: Not applicable

Germ cell mutagenicity

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 13 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data:

Name	Result
Benzene	May cause genetic defects.
Naphtha (petroleum), hydrodesulfurized heavy	May cause genetic defects.

Reproductive toxicity

Assessment:

May damage fertility or the unborn child.

Product data:

No data available.

Substance data:

Name	Result
Zirconium 2-Ethylhexanoate	Suspected of damaging the unborn child (developmental toxicity) via oral exposure.
Toluene	Suspected of damaging the unborn child.
1-methyl-2-pyrrolidone	May damage fertility or the unborn child (developmental effects).

Specific target organ toxicity (single exposure)

Assessment:

May cause drowsiness or dizziness.

Product data:

No data available.

Substance data:

Name	Result
Cobalt bis(2-ethylhexanoate)	May cause dizziness or drowsiness.
1, 2, 4-Trimethylbenzene	May cause respiratory irritation.
Nonane	May cause drowsiness or dizziness.
Toluene	May cause drowsiness or dizziness.
1-methyl-2-pyrrolidone	May cause respiratory irritation.

Specific target organ toxicity (repeated exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data:

Name	Result
Stoddard Solvent with < 0.1% Benzene content	Causes damage to the Central Nervous System through prolonged or repeated exposure via inhalation.
Toluene	May cause damage to organs through prolonged or repeated exposure.
Benzene	Causes damage to Haematopoietic system through prolonged or repeated inhalation and oral exposure.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 14 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

Name	Result
Ethyl Benzene	May cause damage to hearing organs through prolonged or repeated exposure.
Naphtha (petroleum), hydrodesulfurized heavy	Causes damage to the central nervous system through prolonged or repeated exposure.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data:

Name	Result
Stoddard Solvent with < 0.1% Benzene content	May be fatal if swallowed and enters airways.
1, 2, 4-Trimethylbenzene	May be fatal if swallowed and enters airways.
Nonane	May be fatal if swallowed and enters airways.
Toluene	May be fatal if swallowed and enters airways.
Ethyl Benzene	May be fatal if swallowed and enters airways.
Benzene	May be fatal if swallowed and enters airways.
Naphtha (petroleum), hydrodesulfurized heavy	May be fatal if swallowed and enters airways.

Information on likely routes of exposure:

No data available.

Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

Other information:

No data available.

SECTION 12: Ecological information

Acute (short-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Result
Cobalt bis(2-ethylhexanoate)	LC50 Onchorhynchus mykiss: 1.5 mg/L
Stoddard Solvent with < 0.1% Benzene content	LC50 Oncorhynchus mykiss: 0.14 mg/L (96 hours)
1, 2, 4-Trimethylbenzene	LC50 Pimephales promelas: 7.72 mg/L (96 hours)
Nonane	LC50 Oncorhynchus mykiss: 1.125 mg/L (96 hours) EC50 Daphnia magna: 0.2 mg/L (48 hours)
1-methyl-2-pyrrolidone	LC50 Oncorhynchus mykiss: 500 mg/L (96 hours)
Methyl ethyl ketoxime	LC50 Oryzias latipes: 100 mg/L (96 h)
Naphthalene	LC50 Oncorhynchus mykiss: 1.6 mg/L (96 h) EC50 Daphnia magna: 2.16 mg/L (48 h)

Chronic (long-term) toxicity

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 15 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Result
Cobalt bis(2-ethylhexanoate)	EC10 Cyprinodon variegatus: 31.8 mg/L
Stoddard Solvent with < 0.1% Benzene content	NOEC Oncorhynchus mykiss: 0.02 mg/L (30 d)
1, 2, 4-Trimethylbenzene	NOEC Various: 0.396 mg/L (30 days)
Nonane	NOEC Oncorhynchus mykiss: 0.252 mg/L (28 days) NOEC Daphnia magna: 1 mg/L (21 days)
1-methyl-2-pyrrolidone	NOEC Daphnia magna: 12.5 mg/L (21 days)
Methyl ethyl ketoxime	NOEC Oryzias latipes: 50 mg/L (14 d)
Naphthalene	NOEC Oncorhynchus mykiss: 0.11 mg/L (4 d) NOEC Estuarine copepod: 0.05 mg/L (10 d)

Persistence and degradability

Product data: No data available.

Substance data:

Name	Result
Cobalt bis(2-ethylhexanoate)	Not readily biodegradable.
Zirconium 2-Ethylhexanoate	Readily biodegradable in water.
Stoddard Solvent with < 0.1% Benzene content	Readily biodegradable.
1, 2, 4-Trimethylbenzene	Readily biodegradable, but failing 10-day window.
Nonane	Readily biodegradable
Toluene	Readily biodegradable in water.
Benzene	Readily biodegradable.
1-methyl-2-pyrrolidone	Readily biodegradable.
Methyl ethyl ketoxime	Inherent degradability in water and soil.
Naphthalene	Inherently degradable.
Naphtha (petroleum), hydrodesulfurized heavy	Inherently biodegradable in water.

Bioaccumulative potential

Product data: No data available.

Substance data:

Name	Result
Stoddard Solvent with < 0.1% Benzene content	BCF: 39.66 L/Kg ww; Not considered to be bioaccumulative.
1, 2, 4-Trimethylbenzene	BCF: 243
Nonane	BCF: 105
Toluene	BCF: 90
1-methyl-2-pyrrolidone	Low potential for bioaccumulation.
Methyl ethyl ketoxime	BCF: 5.8
Naphthalene	Low bioaccumulation potential.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 16 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

Mobility in soil

Product data: No data available.

Substance data:

Name	Result
Stoddard Solvent with < 0.1% Benzene content	Koc at 20°C: 1451
1, 2, 4-Trimethylbenzene	Slightly Mobile (log Koc: 3.04)
Nonane	Log Koc: 2.90
Toluene	Moderately Mobile (Calculated Koc: 205)
1-methyl-2-pyrrolidone	Adsorption to the solid soil phase is not expected.
Naphthalene	Adsorption to soil materials to a moderate extent.

Results of PBT and vPvB assessment

Product data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT..

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB..

Substance data:

PBT assessment:

Stoddard Solvent with < 0.1% Benzene content	The substance is not PBT.
1, 2, 4-Trimethylbenzene	This substance is not PBT.
Nonane	This substance is not PBT.
Benzene	Substance is not PBT.
1-methyl-2-pyrrolidone	Substance is not PBT.
Methyl ethyl ketoxime	The substance is not PBT.
Naphthalene	The substance is not PBT.
Naphtha (petroleum), hydrodesulfurized heavy	This substance is not PBT.

vPvB assessment:

Stoddard Solvent with < 0.1% Benzene content	The substance is not vPvB.
1, 2, 4-Trimethylbenzene	This substance is not vPvB.
Nonane	This substance is not vPvB.
Benzene	Substance is not vPvB.
1-methyl-2-pyrrolidone	Substance is not vPvB.
Methyl ethyl ketoxime	The substance is not vPvB.
Naphthalene	The substance is not vPvB.
Naphtha (petroleum), hydrodesulfurized heavy	This substance is not vPvB.

Other adverse effects: No data available.

SECTION 13: Disposal considerations

Disposal methods:

Do not dump into any sewers, on the ground or into any body of water. Store material for disposal as indicated in Section 7 Handling and Storage. Dispose of in accordance with local, state, and federal laws and

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 17 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial


regulations. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

Contaminated packages:


Not determined or not applicable.

SECTION 14: Transport information


United States Transportation of dangerous goods (49 CFR DOT)

UN number	UN1263, Combustible, No red label required
UN proper shipping name	PAINT
UN transport hazard class(es)	3 
Packing group	III
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	UN1263
UN proper shipping name	PAINT
UN transport hazard class(es)	3 
Packing group	III
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	UN1263
UN proper shipping name	PAINT
UN transport hazard class(es)	3 
Packing group	III
Environmental hazards	None
Special precautions for user	None

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Bulk Name	N/A
Ship type	None
Pollution category	None

SECTION 15: Regulatory information

United States regulations

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 18 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

Inventory listing (TSCA):

136-52-7	Cobalt bis(2-ethylhexanoate)	Listed
22464-99-9	Zirconium 2-Ethylhexanoate	Listed
8052-41-3	Stoddard Solvent with < 0.1% Benzene content	Listed
95-63-6	1, 2, 4-Trimethylbenzene	Listed
111-84-2	Nonane	Listed
108-88-3	Toluene	Listed
100-41-4	Ethyl Benzene	Listed
71-43-2	Benzene	Listed
91-20-3	Naphthalene	Listed
8007-24-7	Cashew nutshell liquid	Listed
872-50-4	1-methyl-2-pyrrolidone	Listed
96-29-7	Methyl ethyl ketoxime	Listed
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	Listed

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export notification under TSCA Section 12(b):

136-52-7	Cobalt bis(2-ethylhexanoate)	Not Listed
22464-99-9	Zirconium 2-Ethylhexanoate	Not Listed
8052-41-3	Stoddard Solvent with < 0.1% Benzene content	Not Listed
95-63-6	1, 2, 4-Trimethylbenzene	Not Listed
111-84-2	Nonane	Listed
108-88-3	Toluene	Not Listed
100-41-4	Ethyl Benzene	Not Listed
71-43-2	Benzene	Not Listed
91-20-3	Naphthalene	Not Listed
8007-24-7	Cashew nutshell liquid	Not Listed
872-50-4	1-methyl-2-pyrrolidone	Not Listed
96-29-7	Methyl ethyl ketoxime	Not Listed
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	Not Listed

SARA Section 302 extremely hazardous substances: None of the ingredients are listed.

SARA Section 313 toxic chemicals:

136-52-7	Cobalt bis(2-ethylhexanoate)	Not Listed
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Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 19 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

22464-99-9	Zirconium 2-Ethylhexanoate	Not Listed
8052-41-3	Stoddard Solvent with < 0.1% Benzene content	Not Listed
95-63-6	1, 2, 4-Trimethylbenzene	Listed
111-84-2	Nonane	Not Listed
108-88-3	Toluene	Listed
100-41-4	Ethyl Benzene	Listed
71-43-2	Benzene	Listed
91-20-3	Naphthalene	Listed
8007-24-7	Cashew nutshell liquid	Not Listed
872-50-4	1-methyl-2-pyrrolidone	Listed
96-29-7	Methyl ethyl ketoxime	Not Listed
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	Not Listed

CERCLA:

108-88-3	Toluene	Listed	1000
100-41-4	Ethyl Benzene	Listed	1000
71-43-2	Benzene	Listed	10 Lbs
91-20-3	Naphthalene	Listed	100 lb

RCRA:

108-88-3	Toluene	Listed	U220
100-41-4	Ethyl Benzene	Listed	F003
71-43-2	Benzene	Listed	U019
91-20-3	Naphthalene	Listed	U165

Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know:

136-52-7	Cobalt bis(2-ethylhexanoate)	Not Listed
22464-99-9	Zirconium 2-Ethylhexanoate	Not Listed
8052-41-3	Stoddard Solvent with < 0.1% Benzene content	Listed
95-63-6	1, 2, 4-Trimethylbenzene	Listed
111-84-2	Nonane	Listed
108-88-3	Toluene	Listed
100-41-4	Ethyl Benzene	Listed
71-43-2	Benzene	Listed
91-20-3	Naphthalene	Listed
8007-24-7	Cashew nutshell liquid	Not Listed
872-50-4	1-methyl-2-pyrrolidone	Listed

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 20 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

96-29-7	Methyl ethyl ketoxime	Not Listed
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	Not Listed

New Jersey Right to Know:

136-52-7	Cobalt bis(2-ethylhexanoate)	Listed
22464-99-9	Zirconium 2-Ethylhexanoate	Not Listed
8052-41-3	Stoddard Solvent with < 0.1% Benzene content	Listed
95-63-6	1, 2, 4-Trimethylbenzene	Listed
111-84-2	Nonane	Listed
108-88-3	Toluene	Listed
100-41-4	Ethyl Benzene	Listed
71-43-2	Benzene	Listed
91-20-3	Naphthalene	Listed
8007-24-7	Cashew nutshell liquid	Not Listed
872-50-4	1-methyl-2-pyrrolidone	Listed
96-29-7	Methyl ethyl ketoxime	Not Listed
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	Not Listed

New York Right to Know:

136-52-7	Cobalt bis(2-ethylhexanoate)	Listed
22464-99-9	Zirconium 2-Ethylhexanoate	Not Listed
8052-41-3	Stoddard Solvent with < 0.1% Benzene content	Listed
95-63-6	1, 2, 4-Trimethylbenzene	Listed
111-84-2	Nonane	Listed
108-88-3	Toluene	Listed
100-41-4	Ethyl Benzene	Listed
71-43-2	Benzene	Listed
91-20-3	Naphthalene	Listed
8007-24-7	Cashew nutshell liquid	Not Listed
872-50-4	1-methyl-2-pyrrolidone	Not Listed
96-29-7	Methyl ethyl ketoxime	Not Listed
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	Not Listed

Pennsylvania Right to Know:

136-52-7	Cobalt bis(2-ethylhexanoate)	Listed
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Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 04.20.2020

Page 21 of 21

Revision date: 05.12.2020

Quick Dry Penetrating Wood Finish - Provincial

22464-99-9	Zirconium 2-Ethylhexanoate	Not Listed
8052-41-3	Stoddard Solvent with < 0.1% Benzene content	Listed
95-63-6	1, 2, 4-Trimethylbenzene	Listed
111-84-2	Nonane	Listed
108-88-3	Toluene	Listed
100-41-4	Ethyl Benzene	Listed
71-43-2	Benzene	Listed
91-20-3	Naphthalene	Listed
8007-24-7	Cashew nutshell liquid	Not Listed
872-50-4	1-methyl-2-pyrrolidone	Listed
96-29-7	Methyl ethyl ketoxime	Not Listed
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	Not Listed

California Proposition 65:

⚠️WARNING: This product can expose you to chemicals including Ethyl Benzene and Naphthalene; which are known to the State of California to cause cancer; and Toluene and 1-methyl-2-pyrrolidone, 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.

⚠️WARNING: This product can expose you to Benzene; which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Absolute Coatings assumes no responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, Absolute Coatings assumes no responsibility for injury to vendor or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

NFPA: 2-2-1

HMIS: 2*-2-1

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Revision date: 05.12.2020

Revision Notes:

Revision Date	Notes
2020-05-06	Version 02

End of Safety Data Sheet