Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 05/22/2023 Reviewed on 05/22/2023

1 Identification

· ***Product Identifier***

· ***Trade Name: Brown Air Dry Phenolic Coating***
· ***CAS Number:*** VR-554
· ***Relevant identified uses of the substance or mixture and uses advised against:***
· ***Product Description:*** Industrial and Commercial Coatings, primary application to metal.

· ***Details of the Supplier of the Safety Data Sheet:***
· ***Manufacturer/Supplier:***
Heresite Protective Coatings, LLC
822 S. 14th Street
Manitowoc, WI 54220, USA
Phone: +1 (920) 684-6646
FAX: +1 (920) 684-0110
peter@heresite.com
· ***Emergency telephone number:***
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 or Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

2 Hazard(s) Identification

· ***Classification of the substance or mixture:***


Flame

Flammable Liquids 2	H225 Highly flammable liquid and vapor.


Health hazard

Germ Cell Mutagenicity 1B	H340 May cause genetic defects.
Carcinogenicity 1B	H350 May cause cancer.
Aspiration Hazard 1	H304 May be fatal if swallowed and enters airways.

Skin Irritation 2	H315 Causes skin irritation.
Eye Irritation 2A	H319 Causes serious eye irritation.
Aquatic Acute 3	H402 Harmful to aquatic life.

· ***Label elements:***
· ***Hazard pictograms:***

· ***Signal word:*** Danger

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· **Hazard-determining components of labeling:**
Solvent naphtha (petroleum), light aliph.
Distillates (petroleum), hydrotreated light
Naphtha (petroleum), hydrodesulfurized heavy
Stoddard solvent
· **Hazard statements:**
H225 Highly flammable liquid and vapor.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H340 May cause genetic defects.
H350 May cause cancer.
H304 May be fatal if swallowed and enters airways.
H402 Harmful to aquatic life.
· **Precautionary statements:**

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
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.
P264	Wash thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	If swallowed: Immediately call a poison center/doctor.
P321	Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
P331	Do NOT induce vomiting.
P302+P352	If on skin: Wash with plenty of water.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use CO2, powder or water spray to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Unknown acute toxicity:**
This value refers to knowledge of known, established toxicological or ecotoxicological values.
19.3 % of the mixture consists of component(s) of unknown toxicity.
· **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
· **NFPA ratings (scale 0 - 4)**

Health = 2
Fire = 4
Reactivity = 0

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· **HMIS-ratings (scale 0 - 4)**

HEALTH	*2
FIRE	4
REACTIVITY	0

Health = *2
Fire = 4
Physical Hazard = 0

· **Hazard(s) not otherwise classified (HNOC):** None known

3 Composition/Information on Ingredients

· **Chemical characterization: Substance**
· **Description:** Mixture of substances listed below with non-hazardous additions.

· **Dangerous Components:**

CAS: 64742-89-8	Solvent naphtha (petroleum), light aliph. Flammable Liquids 2, H225; Germ Cell Mutagenicity 1B, H340; Carcinogenicity 1B, H350; Aspiration Hazard 1, H304	15-35%
CAS: 51274-00-1	Ferric Oxide, Yellow Acute Toxicity - Inhalation 4, H332; Eye Irritation 2A, H319	10-15%
CAS: 64742-47-8	Distillates (petroleum), hydrotreated light Aspiration Hazard 1, H304; Skin Irritation 2, H315; Specific Target Organ Toxicity - Single Exposure 3, H336; Flammable Liquids 4, H227	10-15%
CAS: 128-37-0 RTECS: GO 7875000	butylated hydroxytoluene Aquatic Acute 1, H400; Acute Toxicity - Oral 4, H302	≤2.5%
CAS: 123-86-4 RTECS: AF 7350000	n-butyl acetate Flammable Liquids 3, H226; Specific Target Organ Toxicity - Single Exposure 3, H336	≤2.5%
CAS: 64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy Flammable Liquids 3, H226; Germ Cell Mutagenicity 1B, H340; Carcinogenicity 1B, H350; Specific Target Organ Toxicity - Repeated Exposure 1, H372; Aspiration Hazard 1, H304	≤2.5%
CAS: 8052-41-3 RTECS: WJ 8925000	Stoddard solvent Flammable Liquids 3, H226; Germ Cell Mutagenicity 1B, H340; Carcinogenicity 1B, H350; Specific Target Organ Toxicity - Repeated Exposure 1, H372; Aspiration Hazard 1, H304	≤2.5%
CAS: 100-41-4 RTECS: DA 0700000	Ethylbenzene Flammable Liquids 2, H225; Carcinogenicity 2, H351; Specific Target Organ Toxicity - Repeated Exposure 2, H373; Aspiration Hazard 1, H304; Acute Toxicity - Inhalation 4, H332	≤2.5%

· **Additional information:**
The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

4 First-Aid Measures

· **Description of first aid measures**
· **General information:** If symptoms persist, call a physician.
· **After inhalation:**
Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in the side position for transportation.
· **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
Remove contaminated clothing and wash before reuse.

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Immediate medical treatment is necessary. Failure to treat burns can prevent wounds from healing.
· ***After eye contact:***
Have eyes examined and tested by medical personnel.
Get immediate medical attention.
Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.
If easy to do so, remove contact lenses if worn.
· ***After swallowing:***
Never give anything by mouth to an unconscious person.
May be harmful if ingested. Can cause respiratory depression and could be fatal. Call a physician or poison control center immediately.
Do not induce vomiting without medical advice.
To prevent aspiration of swallowed product, lay victim on side with head lower than waist.
Seek immediate medical attention.
· ***Information for doctor***
· ***Most important symptoms and effects, both acute and delayed:*** No further relevant information available.
· ***Indication of any immediate medical attention and special treatment needed:*** Treat symptomatically.

5 Fire-Fighting Measures

· ***Extinguishing media***
· ***Suitable extinguishing agents:***
CO_2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· ***For safety reasons unsuitable extinguishing agents:*** No further relevant information.
· ***Special hazards arising from the substance or mixture:*** No further relevant information available.
· ***Advice for firefighters***
· ***Special protective equipment for firefighters:***
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures

· ***Personal precautions, protective equipment and emergency procedures:***
Wear protective equipment. Keep unprotected persons away.
· ***Environmental precautions:***
Inform respective authorities in case of seepage into water course or sewage system.
Dilute with plenty of water.
· ***Methods and material for containment and cleaning up:***
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to section 13.
Ensure adequate ventilation.
Dispose of the collected material according to regulations.
· ***Reference to other sections:***
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

· ***PAC-1:***

1309-37-1	Iron Oxide (Red)	15 mg/m³
123-86-4	n-butyl acetate	5 ppm
1330-20-7	Xylene, mixture of isomers	130 ppm
8052-41-3	Stoddard solvent	300 mg/m³
546-93-0	Magnesium Carbonate	45 mg/m³

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100-41-4	Ethylbenzene	33 ppm
14808-60-7	Quartz (SiO2)	0.075 mg/m³

· **PAC-2:**		
1309-37-1	Iron Oxide (Red)	360 mg/m³
123-86-4	n-butyl acetate	200 ppm
1330-20-7	Xylene, mixture of isomers	920* ppm
8052-41-3	Stoddard solvent	1,800 mg/m³
546-93-0	Magnesium Carbonate	260 mg/m³
100-41-4	Ethylbenzene	1100* ppm
14808-60-7	Quartz (SiO2)	33 mg/m³

· **PAC-3:**		
1309-37-1	Iron Oxide (Red)	2,200 mg/m³
123-86-4	n-butyl acetate	3000* ppm
1330-20-7	Xylene, mixture of isomers	2500* ppm
8052-41-3	Stoddard solvent	29500** mg/m³
546-93-0	Magnesium Carbonate	1,600 mg/m³
100-41-4	Ethylbenzene	1800* ppm
14808-60-7	Quartz (SiO2)	200 mg/m³

7 Handling and Storage

· **Handling**
· **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Prevent formation of aerosols.
· **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect from heat.
Protect against electrostatic charges.
Keep protective respiratory device available.

· **Conditions for safe storage, including any incompatibilities**
· **Storage**
· **Requirements to be met by storerooms and receptacles:** Store in a cool location.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:**
Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
· **Specific end use(s):** No further relevant information available.

8 Exposure Controls/Personal Protection

· **Additional information about design of technical systems:** No further data; see section 7.

· **Control parameters:**
· **Components with occupational exposure limits:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

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At this time, the other constituents have no known exposure limits.

51274-00-1 Ferric Oxide, Yellow	
PEL	Short-term value: 80 mg/m³
64742-47-8 Distillates (petroleum), hydrotreated light	
OSHA PEL	Long-term value: 5 mg/m³
128-37-0 butylated hydroxytoluene	
REL	Long-term value: 10 mg/m³
TLV	Long-term value: 2* mg/m³ *as inhalable fraction and vapor, A4
123-86-4 n-butyl acetate	
PEL	Long-term value: 710 mg/m³, 150 ppm
REL	Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm
TLV	Short-term value: 150 ppm Long-term value: 50 ppm
8052-41-3 Stoddard solvent	
PEL	Long-term value: 2900 mg/m³, 500 ppm
REL	Long-term value: 350 mg/m³ Ceiling limit value: 1800* mg/m³ *15-min
TLV	Long-term value: 100 ppm
100-41-4 Ethylbenzene	
PEL	Long-term value: 435 mg/m³, 100 ppm
REL	Short-term value: 545 mg/m³, 125 ppm Long-term value: 435 mg/m³, 100 ppm
TLV	Long-term value: 20 ppm OTO, BEI, A3

· ***Ingredients with biological limit values:***	
100-41-4 Ethylbenzene	
BEI	0.15 g/g creatinine urine end of shift at end of workweek Sum of mandelic acid and phenylglyoxylic acid (nonspecific)

· ***Additional information:*** The lists that were valid during the creation of this SDS were used as basis.

· ***Exposure controls:***
· ***Personal protective equipment***
· ***General protective and hygienic measures:***
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing and wash before reuse.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes and skin.
· ***Breathing equipment:*** Not required.

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· **Protection of hands:**

Protective gloves

· **Material of gloves:**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material:**
The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

· **Eye protection:**

Tightly sealed goggles

· **Body protection:**

Protective work clothing

· **Limitation and supervision of exposure into the environment:**
Keep away from drains, surface and ground waters.
Avoid release into the environment.

* 9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**
· **General Information**
· **Appearance:**

Form:	Liquid
Color:	Brown
· **Odor:**	Mild aliphatic
· **Odor threshold:**	Not determined.
· **pH-value:**	Not determined.
· **Change in condition**	
Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	118-325 °C (244.4-617 °F)
· **Flash point:**	-10 °C (14 °F)
· **Flammability (solid, gaseous):**	Highly flammable.
· **Auto igniting:**	Not applicable
· **Decomposition temperature:**	Not determined.
· **Ignition temperature:**	Product is not self-igniting.
· **Danger of explosion:**	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

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· **Explosion limits:**
Lower: Not determined.
Upper: Not determined.

· **Vapor pressure @ 20 °C (68 °F):** ≤2 hPa (≤1.5 mm Hg)

· **Density @ 20 °C (68 °F):** 1.121 g/cm³ (9.3547 lbs/gal)
· **Relative density:** Not determined.
· **Vapor density:** Not determined.
· **Evaporation rate:** Not determined.

· **Solubility in / Miscibility with:**
Water: Not miscible or difficult to mix.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**
Dynamic: Not determined.
Kinematic: Not determined.

· **Solvent content:**
Organic solvents: 33.1 %
VOC content: 33.1 %
3.08 lb/gal

· **Other information:** No further relevant information available.

10 Stability and Reactivity

· **Reactivity:** No further relevant information available.
· **Chemical stability:** Product is stable under normal conditions.
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions:** No dangerous reactions known.
· **Conditions to avoid:** Heat, flame and ignition sources.
· **Incompatible materials:**
Strong oxidizing agents.
Strong acids
Amines
Copper, Copper alloys
Reducing agents
Strong bases
· **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

· **Information on toxicological effects:**
· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**		
51274-00-1 Ferric Oxide, Yellow		
Oral	LD50	>10,000 mg/kg (Rat)
Inhalative	LC50/4 h	>4 mg/l (Rat)
64742-47-8 Distillates (petroleum), hydrotreated light		
Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rabbit)

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128-37-0 butylated hydroxytoluene		
Oral	LD50	890 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
123-86-4 n-butyl acetate		
Oral	LD50	13,100 mg/kg (Rat)
Dermal	LD50	>5,000 mg/kg (Rabbit)
Inhalative	LC50/4 h	>21 mg/l (Rat)
8052-41-3 Stoddard solvent		
Oral	LD50	>7,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rabbit)
100-41-4 Ethylbenzene		
Oral	LD50	3,500 mg/kg (Rat)
Dermal	LD50	15,433 mg/kg (Rabbit)

· ***Primary irritant effect:***
· ***On the skin:*** Irritant to skin and mucous membranes.
· ***On the eye:*** Irritating effect.
· ***Additional toxicological information:***
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
Carcinogenic
The product can cause inheritable damage.

· ***Carcinogenic categories:***
· ***IARC (International Agency for Research on Cancer):***
Group 1 - Carcinogenic to humans
Group 2A - Probably carcinogenic to humans
Group 2B - Possibly carcinogenic to humans
Group 3 - Not classifiable as to its carcinogenicity to humans
Group 4 - Probably not carcinogenic to humans

1309-37-1	Iron Oxide (Red)	3
128-37-0	butylated hydroxytoluene	3
14807-96-6	Talc (Mg3H2(SiO3)4)	3
1330-20-7	Xylene, mixture of isomers	3
100-41-4	Ethylbenzene	2B
14808-60-7	Quartz (SiO2)	1

· ***NTP (National Toxicology Program):***
K - Known to be a human carcinogen

14808-60-7	Quartz (SiO2)	K

· ***OSHA-Ca (Occupational Safety & Health Administration):***
None of the ingredients are listed.

12 Ecological Information

· ***Toxicity:***
· ***Aquatic toxicity:***
Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

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51274-00-1 Ferric Oxide, Yellow	
NOEL	>195.7 mg/L (Rat)
64742-47-8 Distillates (petroleum), hydrotreated light	
EC50	25 mg/l (Trout) (OECD Test Guideline 203, 96 hour, Static Test)
128-37-0 butylated hydroxytoluene	
EC50	0.42 mg/l (Algae - Selenastrum capricornutum) 0.84 mg/l (Daphnia)
123-86-4 n-butyl acetate	
EC50	51.577 mg/l (Green algae) 17.594 mg/l (Daphnia)
100-41-4 Ethylbenzene	
EC50	4.9 mg/l (Green algae) 1.8-2.4 mg/l (Water flea)

· ***Persistence and degradability:*** No further relevant information available.
· ***Behavior in environmental systems:***
· ***Bioaccumulative potential:*** No further relevant information available.
· ***Mobility in soil:*** No further relevant information available.
· ***Ecotoxical effects:***
· ***Remark:*** Harmful to fish
· ***Additional ecological information:***
· ***General notes:***
Water hazard class 3 (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.
Harmful to aquatic organisms
· ***Results of PBT and vPvB assessment:***
· ***PBT:*** Not applicable.
· ***vPvB:*** Not applicable.
· ***Other adverse effects:*** No further relevant information available.

13 Disposal Considerations

· ***Waste treatment methods***
· ***Recommendation:***
Must not be disposed of together with household waste. Do not allow product to reach sewage system.
Observe all federal, state and local environmental regulations when disposing of this material.
· ***Waste disposal key:*** US EPA RCRA waste code D001 (ignitability characteristic).

· ***Uncleaned packaging***
· ***Recommendation:*** Disposal must be made according to official regulations.
· ***Recommended cleansing agent:*** Water, if necessary with cleansing agents.

14 Transport Information

· ***UN-Number:***
· ***DOT, ADR/ADN, IMDG, IATA*** UN1263
· ***UN proper shipping name:***
· ***DOT*** Paint
· ***ADR/ADN*** UN1263 PAINT
· ***IMDG, IATA*** PAINT

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· **Transport hazard class(es):**

· **DOT**

· **Class:**	3 Flammable liquids
· **Label:**	3

· **ADR/ADN**

· **Class:**	3 (F1) Flammable liquids
· **Label:**	3

· **IMDG, IATA**

· **Class:**	3 Flammable liquids
· **Label:**	3
· **Packing group:**	
· **DOT, ADR/ADN, IMDG, IATA**	II
· **Environmental hazards:**	Not applicable.
· **Special precautions for user:**	Warning: Flammable liquids
· **Hazard identification number (Kemler code):**	33
· **EMS Number:**	F-E,S-E
· **Stowage Category**	B
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**	Not applicable.

· **Transport/Additional information:**

· **DOT**

· **Quantity limitations:**	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L

· **ADR/ADN**

· **Excepted quantities (EQ):**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml

· **IMDG**

· **Limited quantities (LQ):**	5L
· **Excepted quantities (EQ):**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· **UN "Model Regulation":**	UN 1263 PAINT, 3, II

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15 Regulatory Information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
· **SARA (Superfund Amendments and Reauthorization):**

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

1330-20-7	Xylene, mixture of isomers
100-41-4	Ethylbenzene

· **TSCA (Toxic Substances Control Act):**

All components have the value ACTIVE.

· **Hazardous Air Pollutants**

1330-20-7	Xylene, mixture of isomers
100-41-4	Ethylbenzene

· **California Proposition 65:**

WARNING: This product can expose you to chemicals including [one or more listed chemical] which is [are] known to the State of California to cause cancer [or birth defects or other reproductive harm]. For more information, go to www.P65Warnings.ca.gov.

· **Chemicals known to cause cancer:**

100-41-4	Ethylbenzene
14808-60-7	Quartz (SiO2)

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

· **New Jersey Right-to-Know List:**

1309-37-1	Iron Oxide (Red)
128-37-0	butylated hydroxytoluene
123-86-4	n-butyl acetate
14807-96-6	Talc (Mg3H2(SiO3)4)
1330-20-7	Xylene, mixture of isomers
8052-41-3	Stoddard solvent
546-93-0	Magnesium Carbonate
100-41-4	Ethylbenzene
14808-60-7	Quartz (SiO2)

· **New Jersey Special Hazardous Substance List:**

123-86-4	n-butyl acetate	F3
14807-96-6	Talc (Mg3H2(SiO3)4)	CA
1330-20-7	Xylene, mixture of isomers	F3

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100-41-4	Ethylbenzene	CA, F3
14808-60-7	Quartz (SiO2)	CA

· **Pennsylvania Right-to-Know List:**

1309-37-1	Iron Oxide (Red)
	Colour Concentrate
128-37-0	butylated hydroxytoluene
123-86-4	n-butyl acetate
14807-96-6	Talc (Mg3H2(SiO3)4)
1330-20-7	Xylene, mixture of isomers
8052-41-3	Stoddard solvent
100-41-4	Ethylbenzene
14808-60-7	Quartz (SiO2)

· **Pennsylvania Special Hazardous Substance List:**

123-86-4	n-butyl acetate	E
1330-20-7	Xylene, mixture of isomers	E
100-41-4	Ethylbenzene	E

· **Carcinogenic categories:**

· **EPA (Environmental Protection Agency):**

1330-20-7	Xylene, mixture of isomers	I
100-41-4	Ethylbenzene	D

· **TLV (Threshold Limit Value established by ACGIH):**

1309-37-1	Iron Oxide (Red)	A4
128-37-0	butylated hydroxytoluene	A4
14807-96-6	Talc (Mg3H2(SiO3)4)	A4
1330-20-7	Xylene, mixture of isomers	A4
100-41-4	Ethylbenzene	A3
14808-60-7	Quartz (SiO2)	A2

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

14808-60-7	Quartz (SiO2)

· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms:**

· **Signal word:** Danger

· **Hazard-determining components of labeling:**
Solvent naphtha (petroleum), light aliph.
Distillates (petroleum), hydrotreated light
Naphtha (petroleum), hydrodesulfurized heavy
Stoddard solvent
· **Hazard statements:**
H225 Highly flammable liquid and vapor.

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 05/22/2023 Reviewed on 05/22/2023

Trade Name: Brown Air Dry Phenolic Coating

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H340 May cause genetic defects.
H350 May cause cancer.
H304 May be fatal if swallowed and enters airways.
H402 Harmful to aquatic life.

· ***Precautionary statements:***

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
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.
P264	Wash thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	If swallowed: Immediately call a poison center/doctor.
P321	Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
P331	Do NOT induce vomiting.
P302+P352	If on skin: Wash with plenty of water.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use CO2, powder or water spray to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· ***National regulations:***

The product is not subject to be labelled according with the prevailing version of the regulations on hazardous substances.

· ***Chemical safety assessment:*** A Chemical Safety Assessment has not been carried out.

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· ***Contact:***

· ***Abbreviations and acronyms:***

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances

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Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 05/22/2023 *Reviewed on 05/22/2023*

Trade Name: Brown Air Dry Phenolic Coating

ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety & Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Flammable Liquids 2: Flammable liquids – Category 2
Flammable Liquids 3: Flammable liquids – Category 3
Flammable Liquids 4: Flammable liquids – Category 4
Acute Toxicity - Inhalation 4: Acute toxicity – Category 4
Skin Irritation 2: Skin corrosion/irritation – Category 2
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
Germ Cell Mutagenicity 1B: Germ cell mutagenicity – Category 1B
Carcinogenicity 1B: Carcinogenicity – Category 1B
Carcinogenicity 2: Carcinogenicity – Category 2
Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3
Specific Target Organ Toxicity - Repeated Exposure 1: Specific target organ toxicity (repeated exposure) – Category 1
Specific Target Organ Toxicity - Repeated Exposure 2: Specific target organ toxicity (repeated exposure) – Category 2
Aspiration Hazard 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard – Category 3

· **** Data compared to the previous version altered.***