

SAFETY DATA SHEET

Revision Date: 21-Oct-2022

Revision Number: 1

1. PRODUCT AND COMPANY IDENTIFICATION

RUST-A-VOID ALKYD GLOSS ENAMEL - BLACK

Product Name Product Code Alternate Product Code Product Class Color Recommended use Restrictions on use

Black Bended use Polyurethane paint

No information available

SOLVENT THINNED PAINT

R31-2FR HR4602

Manufactured For

Complementary Coatings Corp. 360 Route 206 Flanders, NJ 07836 Phone: 1-866-708-9180 www.coronadopaint.ca

Distributor

Benjamin Moore & Co., Limited 8775 Keele Street Concord ON L4K 2N1 Phone: 1-800-361-5898 www.coronadopaints.ca

Emergency Telephone

CHEMTREC: +1 703-741-5970 / 1-800-424-9300 +1 703-527-3887 (outside US & Canada) CANUTEC: 613-996-6666 (Transport Emergency Only)

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the Hazardous Products Regulations (HPR: SOR/2015-17)

Skin sensitization	Category 1
Carcinogenicity	Category 1B
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 1
Aspiration hazard	Category 1
Flammable liquids	Category 3
Physical hazard not otherwise classified	Category 1

Label elements

Danger

Hazard statements

May cause an allergic skin reaction May cause cancer Suspected of damaging fertility or the unborn child May cause drowsiness or dizziness Causes damage to organs through prolonged or repeated exposure May be fatal if swallowed and enters airways Flammable liquid and vapor Risk of spontaneous combustion



Appearance liquid

Odor solvent

Precautionary Statements - Prevention

Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required Contaminated work clothing must not be allowed out of the workplace Wear protective gloves Do not breathe dust/fume/gas/mist/vapors/spray Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Use only outdoors or in a well-ventilated area Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking Keep container closed Ground and bond container and receiving equipment Use explosion-proof electrical/ventilating / lighting/ .? / equipment Use only non-sparking tools Take action to prevent static discharges Keep cool Immediately after use, place rags, steel wool or waste used with this product in a sealed water-filled metal container or lay flat to dry. **Precautionary Statements - Response** IF exposed or concerned: Get medical advice/attention Skin If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

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

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

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting **Fire** In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

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

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Materials such as rags used with this product may begin to burn by themselves. After use, put rags in water or lay flat to dry, then discard.

Other information

No information available

3. COMPOSITION INFORMATION ON COMPONENTS

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Hydrotreated heavy naphtha, petroleum	64742-48-9	10 - 30%	-	-
Distillates, petroleum, hydrotreated light	64742-47-8	7 - 13%	-	-
Kaolin	1332-58-7	3 - 7%	-	-
Carbon black	1333-86-4	1 - 5%	-	-
Xylene	1330-20-7	1 - 5%	-	-
Iron oxide	1309-37-1	1 - 5%	-	-
Magnesium carbonate	546-93-0	1 - 5%	-	-
Stoddard solvent	8052-41-3	1 - 5%	-	-
Hexanoic acid, 2-ethyl-, zirconium salt	22464-99-9	0.25 - 0.5%	-	-
Ethyl benzene	100-41-4	0.25 - 0.5%	-	-
Talc	14807-96-6	0.25 - 0.5%	-	-
Methyl ethyl ketoxime	96-29-7	0.1 - 0.25%	-	-
Calcium 2-Ethylhexanoate	136-51-6	0.1 - 0.25%	-	-

Confidential Business Information note

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General Advice

Eye Contact

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

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If

Skin Contact Wash off immediately with soap and plenty of water whi removing all contaminated clothes and shoes. If skin	ام
irritation persists, call a physician. Wash clothing before reuse. Destroy contaminated articles such as shoes.	
Inhalation Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. Call a physicia immediately.	เท
Ingestion Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person Consult a physician.	n.
Protection Of First-Aiders Use personal protective equipment.	
Most Important Symptoms/Effects May cause allergic skin reaction.	
Notes To Physician Treat symptomatically.	

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Foam, dry powder or water. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific Hazards Arising From The Chemical	Combustible material. Closed containers may rupture if exposed to fire or extreme heat. Keep product and empty container away from heat and sources of ignition. Thermal decomposition can lead to release of irritating gases and vapors.
Sensitivity to mechanical impact	No
Sensitivity to static discharge	Yes
Flash Point Data Flash point (°F) Flash Point (°C) Method	113 45 PMCC
Flammability Limits In Air	
Lower flammability limit: Upper flammability limit:	No data available No data available

NFPA

Health hazards	2
Flammability	2
Stability	0
Special:	Not Applicable

NFPA Legend

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

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

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Remove all sources of ignition.
Other Information	Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.
Environmental precautions	See Section 12 for additional Ecological Information.
Methods for Cleaning Up	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling	Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist. Wear personal protective equipment. Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from open flames, hot surfaces and sources of ignition.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers. Keep out of the reach of children.
	DANGER - Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or

waste in a sealed water-filled metal container.

Incompatible Materials

Incompatible with strong acids and bases and strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Chemical name	ACGIH TLV	Alberta	British Columbia	Ontario	Quebec
Kaolin	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	2 mg/m³ - TWA	2 mg/m³ - TWA	2 mg/m³ - TWA	5 mg/m³ - TWAEV
Carbon black	TWA: 3 mg/m ³ inhalable particulate matter	3.5 mg/m³ - TWA	3 mg/m³ - TWA	3 mg/m³ - TWA	3.5 mg/m ³ - TWAEV
Xylene	STEL: 150 ppm TWA: 100 ppm	100 ppm - TWA 434 mg/m³ - TWA 150 ppm - STEL 651 mg/m³ - STEL	100 ppm - TWA 150 ppm - STEL	100 ppm - TWA 150 ppm - STEL	100 ppm - TWAEV 434 mg/m ³ - TWAEV 150 ppm - STEV 651 mg/m ³ - STEV
Iron oxide	TWA: 5 mg/m ³ respirable particulate matter	5 mg/m³ - TWA	10 mg/m ³ - TWA 3 mg/m ³ - TWA 5 mg/m ³ - TWA 10 mg/m ³ - STEL	5 mg/m³ - TWA	5 mg/m³ - TWAEV 10 mg/m³ - TWAEV
Magnesium carbonate	-	-	10 mg/m ³ - TWA 3 mg/m ³ - TWA	-	10 mg/m ³ - TWAEV
Stoddard solvent	TWA: 100 ppm	100 ppm - TWA 572 mg/m³ - TWA	290 mg/m ³ - TWA 580 mg/m ³ - STEL	525 mg/m³ - TWA	100 ppm - TWAEV 525 mg/m ³ - TWAEV
Hexanoic acid, 2-ethyl-,	STEL: 10 mg/m ³ Zr	5 mg/m ³ - TWA	5 mg/m ³ - TWA	5 mg/m ³ - TWA	5 mg/m ³ - TWAEV
zirconium salt Ethyl benzene	TWA: 5 mg/m ³ Zr TWA: 20 ppm	10 mg/m ³ - STEL 100 ppm - TWA 434 mg/m ³ - TWA 125 ppm - STEL 543 mg/m ³ - STEL	10 mg/m ³ - STEL 20 ppm - TWA	<u>10 mg/m³ - STEL</u> 20 ppm - TWA	10 mg/m ³ - STEV 100 ppm - TWAEV 434 mg/m ³ - TWAEV 125 ppm - STEV 543 mg/m ³ - STEV
Talc	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	2 mg/m³ - TWA	2 mg/m³ - TWA	2 mg/m³ - TWA	2 mg/m³ - TWAEV

Legend

ACGIH - American Conference of Governmental Industrial Hygienists Alberta - Alberta Occupational Exposure Limits British Columbia - British Columbia Occupational Exposure Limits

Ontario - Ontario Occupational Exposure Limits Quebec - Quebec Occupational Exposure Limits

N/E - Not established

Engineering Measures

Personal Protective Equipment **Eye/Face Protection**

Skin Protection Respiratory Protection Ensure adequate ventilation, especially in confined areas.

Tightly fitting safety goggles If splashes are likely to occur, wear: Safety glasses with side-shields Long sleeved clothing. Protective gloves. In operations where exposure limits are exceeded, use a

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

Hygiene Measures

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Odor **Odor Threshold** Density (lbs/gal) **Specific Gravity** pН Viscosity (cps) Solubility(ies) Water solubility **Evaporation Rate** Vapor pressure @20 °C (kPa) **Relative vapor density** Wt. % Solids Vol. % Solids Wt. % Volatiles Vol. % Volatiles VOC Regulatory Limit (g/L) Boiling Point (°F) **Boiling Point (°C)** Freezing point (°F) Freezing Point (°C) Flash point (°F) Flash Point (°C) Method Flammability (solid, gas) Upper flammability limit: Lower flammability limit: Autoignition Temperature (°F) Autoignition Temperature (°C) Decomposition Temperature (°F) **Decomposition Temperature (°C) Partition coefficient**

liquid solvent No information available 7.9 - 8.3 0.96 - 1.01No information available No information available 55 - 65 45 - 55 35 - 45 45 - 55 < 400 279 137 No information available No information available 113 45 PMCC Not applicable Not applicable Not applicable No information available No information available No information available No information available No information available

10. STABILITY AND REACTIVITY

Reactivity

Chemical Stability

Not Applicable

Stable under normal conditions. Hazardous polymerisation

does not occur.

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

Incompatible with strong acids and bases and strong oxidizing agents.

Thermal decomposition can lead to release of irritating gases and vapors.

Possibility of hazardous reactions

Hazardous Decomposition Products

None under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

Product Information Information on likely routes of exposure

Principal Routes of Exposure

Acute Toxicity Product Information

Conditions to avoid

Incompatible Materials

Eye contact, skin contact and inhalation.

Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

Symptoms related to the physical, chemical and toxicological characteristics

No information available **Symptoms** Delayed and immediate effects as well as chronic effects from short and long-term exposure Contact with eyes may cause irritation. Eve contact Skin contact May cause skin irritation and/or dermatitis. Prolonged skin contact may defat the skin and produce dermatitis. High vapor / aerosol concentrations are irritating to the Inhalation eyes, nose, throat and lungs and may cause headaches, dizziness, drowsiness, unconsciousness, and other central nervous system effects. Ingestion may cause irritation to mucous membranes. Ingestion Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death. Sensitization May cause an allergic skin reaction. **Neurological Effects** No information available. **Mutagenic Effects** No information available. Possible risk of impaired fertility. Possible risk of harm to **Reproductive Effects** the unborn child. No information available. **Developmental Effects** Target organ effects No information available. STOT - single exposure May cause disorder and damage to the. Respiratory system. Central nervous system. Causes damage to organs through prolonged or repeated STOT - repeated exposure exposure. Causes damage to organs through prolonged or

Other adverse effects Aspiration Hazard

repeated exposure if inhaled. No information available. May be harmful if swallowed and enters airways. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

Numerical measures of toxicity

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

ATEmix (oral)	12231 mg/kg
ATEmix (inhalation-dust/mist)	93 mg/l
ATEmix (inhalation-vapor)	1549.4 mg/l

Component Information

Caution - This mixture contains a substance not yet fully tested

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrotreated heavy naphtha, petroleum 64742-48-9	> 6000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	> 8500 mg/m³ (Rat)4 h
Distillates, petroleum, hydrotreated light 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat)4 h
Kaolin 1332-58-7	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rat)	-
Carbon black 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-
Xylene 1330-20-7	= 3500 mg/kg(Rat)	> 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat)4 h
Iron oxide 1309-37-1	> 10000 mg/kg (Rat)	-	-
Ethyl benzene 100-41-4	= 3500 mg/kg(Rat)	= 15400 mg/kg (Rabbit)	= 17.4 mg/L (Rat)4 h
Methyl ethyl ketoxime 96-29-7	= 930 mg/kg (Rat)	1000 - 1800 mg/kg (Rabbit)	> 4.83 mg/L (Rat)4 h
Calcium 2-Ethylhexanoate 136-51-6	> 5000 mg/kg (Rat)	-	-

Chronic Toxicity

Carcinogenicity

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

Chemical name	IARC	NTP
	2B - Possible Human Carcinogen	
Carbon black		
	2B - Possible Human Carcinogen	
Ethyl benzene		

Legend

IARC - International Agency for Research on Cancer NTP - National Toxicity Program OSHA - Occupational Safety & Health Administration

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects

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

Product Information

Acute Toxicity to Fish

No information available

Acute Toxicity to Aquatic Invertebrates

No information available

Acute Toxicity to Aquatic Plants

No information available

Persistence / Degradability

No information available.

Bioaccumulation

There is no data for this product.

Mobility in Environmental Media

No information available.

<u>Ozone</u>

Not applicable

Component Information

Acute Toxicity to Fish

<u>Xylene</u> LC50: 13.5 mg/L (Rainbow Trout - 96 hr.) <u>Ethyl benzene</u> LC50: 12.1 mg/L (Fathead Minnow - 96 hr.) <u>Methyl ethyl ketoxime</u> LC50: 48 mg/L (Bluegill sunfish - 96 hr.)

Acute Toxicity to Aquatic Invertebrates

Ethyl benzene EC50: 1.8 mg/L (Daphnia magna - 48 hr.) Methyl ethyl ketoxime EC50: 750 mg/L (Daphnia magna - 48 hr.)

Acute Toxicity to Aquatic Plants

<u>Ethyl benzene</u> EC50: 4.6 mg/L (Green algae (Scenedesmus subspicatus), 72 hrs.)

	13. DISPOSAL CONSIDERATIONS
Waste Disposal Method	Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.
Empty Container Warning	Emptied containers may retain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition.

14. TRANSPORT INFORMATION

TDG

Proper Shipping Name	Paint	
Transport hazard class(es)	3	
UN-No	UN1263	
Packing Group		
Description	UN1263,	Paint, 3, III

In Canada, Class 3 flammable liquids may be reclassified as non-regulated for domestic ground transportation if they meet the requirements of TDG General Exemption SOR/2008-34.

ICAO / IATA	Contact the preparer for further information.
IMDG / IMO	Contact the preparer for further information.

15. REGULATORY INFORMATION

International Inventories

TSCA: United States	Yes - All components are listed or exempt.
DSL: Canada	Yes - All components are listed or exempt.

National Pollutant Release Inventory (NPRI)

NPRI Parts 1-4

This product contains the following Parts 1-4 NPRI chemicals:

Chemical name	CAS No	Weight-%	NPRI Parts 1-4
Xylene	1330-20-7	1 - 5%	Listed
Ethyl benzene	100-41-4	0.25 - 0.5%	Listed

NPRI Part 5

This product contains the following NPRI Part 5 Chemicals:

Chemical name	CAS No	Weight-%	NPRI Part 5

Hydrotreated heavy naphtha, petroleum	64742-48-9	10 - 30%	Listed
Distillates, petroleum, hydrotreated light	64742-47-8	7 - 13%	Listed
Xylene	1330-20-7	1 - 5%	Listed
Stoddard solvent	8052-41-3	1 - 5%	Listed

WHMIS Regulatory Status

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

16. OTHER INFORMATION

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

HMIS Legend

- 0 Minimal Hazard
- 1 Slight Hazard
- 2 Moderate Hazard

3 - Serious Hazard

- 4 Severe Hazard
- * Chronic Hazard

X - Consult your supervisor or S.O.P. for "Special" handling instructions.

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

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

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada at

http://www.hc-sc.gc.ca/ewh-semt/contaminants/lead-plomb/asked_questions-questions_posees-eng.php.

Prepared By	Product Stewardship Department Benjamin Moore & Co. 101 Paragon Drive Montvale, NJ 07645 800-225-5554
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Reason for revision	Not available

Disclaimer

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

End of Safety Data Sheet