



SHEBOYGAN PAINT COMPANY

1439 North 25th Street / P.O. Box 417
Sheboygan, WI 53082-0417
Phone: (920)458-2157
Customer Service: custserv@shebpaint.com

EMERGENCY CONTACT ONLY:
Transportation Spill Emergency (24 hour)
1-800-924-6804 Reference CIN 1154

73-935

SAFETY DATA SHEET

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1.0 PRODUCT AND SUPPLIER IDENTIFICATION

PRODUCT CLASS	TRADE NAME	MFG PRODUCT NO.
INDUSTRIAL COATING PRODUCT	UNITED DARK BROWN AQUA ENAMEL	73-935

Identified Uses: INDUSTRIAL COATINGS, RESINS AND PAINT RELATED MATERIALS

Supplier: SHEBOYGAN PAINT COMPANY
1439 NORTH 25th STREET / P.O. BOX 417
SHEBOYGAN, WI 53082-0417

Emergency Contact: Transportation Emergency (24 hour) 1-800-924-6804

Other Contacts Customer Service (920) 458-2157
custserv@shebpaint.com
sds@shebpaint.com
www.shebpaint.com

2.0 HAZARDS IDENTIFICATION

Classification	Cat	HCODE	Description
Skin irritation	2	H315	Causes skin irritation
Eye irritant 2A	2	H319	Causes serious eye irritation
Acute toxicity oral	4	H302	Harmful if swallowed
Acute toxicity dermal	4	H312	Harmful in contact with skin
Flammable liquid	4	H227	Combustible liquid
Acute toxicity inhaled gases/vapors/dust/mist	4	H332	Harmful if inhaled
Specific target organ acute irritation-respiratory	3	H335	May cause respiratory irritation
Specific target organ acute narcotic effects (CNS)	3	H336	May cause drowsiness or dizziness
Skin sensitizer 1B	1	H317	May cause an allergic skin reaction
Suspect carcinogen	2	H351	Suspected of causing cancer

Precautionary Statements:

Wash face, hands, and any exposed skin thoroughly after handling.

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

IF ON SKIN: Wash with soap and water.

See specific treatment for first aid in SDS section 4.

If skin irritation occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing eyes.

If eye irritation persists: Get medical advice/attention.

Do not eat, drink or smoke when using this product.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Rinse mouth.

Dispose of contents/container to licensed waste facility in accordance with local and national regulations, see SDS section 13 for additional information.

Call a POISON CENTER or doctor/physician if you feel unwell.

See specific measures for safe handling in SDS sections 7 and 13.

Wash contaminated clothing before reuse.

Keep away from heat/sparks/open flames/hot surfaces. NO SMOKING.

In case of fire: See SDS section 5 for specific fire extinguishing agents.



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Store in a well ventilated place. Keep cool.

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

Use only outdoors or in a well-ventilated area.

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

Store in a well ventilated place. Keep container tightly closed.

Contaminated work clothing should not be allowed out of the workplace.

If skin irritation or a rash occurs: Get medical advice/attention.

Obtain special instructions before use, read SDS and product specification sheet.

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

Use personal protective equipment as specified in section 8.

IF exposed or concerned: Get medical advice/attention.

Store locked up, KEEP AWAY FROM CHILDREN.

Signal Word: WARNING



Other hazards which do not result in classification:

Use in a well ventilated area.

Do not take internally. Do not get in eyes or on skin.

Wear protective clothing.

May cause eye and skin irritation.

Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling.

May cause allergic reaction in special sensitive persons.



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FIRST AID FOR INHALATION: Move exposed individual to fresh air. For any difficulty in breathing, give oxygen and get immediate emergency medical assist. Monitor for respiratory distress. Be prepared to give rescue breathing. If unconscious, place in recovery position with airway open. Loosen tight clothing.

FIRST AID FOR INGESTION: Get IMMEDIATE medical attention. Rinse mouth with water. Remove dentures if any. Remove to fresh air and keep at rest in a comfortable breathing position. Aspiration hazard if swallowed. Can enter lungs.

DO NOT INDUCE VOMITING. Keep head low so that any fluids do not enter the lungs. Never give anything by mouth to an unconscious or convulsive person. If unconscious, place in recovery position with airway open. Loosen tight clothing.

IF A LARGE QUANTITY IS INGESTED, CALL A POISON CENTER OR CONTACT A LOCAL EMERGENCY MEDICAL SERVICE AT ONCE.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known, no specific information available.

5.0 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water based product. This product does not sustain combustion. If water has boiled off this product may exhibit properties of NPFA class II, IIIA or IIIB liquids. Class B fire extinguishers may be used.

UNUSUAL FIRE & EXPLOSION HAZARDS: Water based product. Sealed containers may explode if exposed to extreme heat. Frozen containers may expand and leak contents when thawed. Water soluble liquids are non-accumulators of static charge. Static protection precautions such as container bonding or grounding would not be necessary. Flash point listed as N/A or not applicable due to the presence of water.

SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure buildup. Use water spray to cool fire exposed containers if they cannot be safely moved. Keep people away from firefighting operations involving chemicals. Firefighters wear a self-contained positive pressure breathing apparatus in addition to full protective gear.

6.0 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Provide adequate ventilation to spill area. Dike spill area and collect with inert absorbent, sand, earth. Avoid contact and vapors, see approved PPE devices listed in Section 8. Follow all local, state and federal spill reporting rules. Only properly trained personnel should clean spill hazards.

Personnel without proper PPE should leave the spill area. Obtain professional emergency/clean up services as needed.

ENVIRONMENTAL CONCERNS: Follow all local, state, provincial and/or federal spill notification procedures. Do not flush into sewers, drains or waterways.

WASTE DISPOSAL CONSIDERATIONS: Waste must be disposed in accordance with local, state, provincial and/or federal regulations. Empty containers must be handled with care as they retain product residue. Before disposing containers, remove as much residue as possible. Do not reuse containers until they are properly recycled. Check Section 13 for waste disposal options. Follow all label and SDS warnings.

7.0 HANDLING AND STORAGE

ADVICE ON SAFE HANDLING: Wash hands thoroughly after handling. Wear proper PPE, eye protection, gloves and respirator. Maintain good housekeeping. Eye wash stations should be available in the workplace. Avoid puncturing the container, do not drag or drop. Spray operations must protect the worker from both vapors & spray/mist overspray.

Keep from Freezing.

CONDITIONS FOR SAFE STORAGE: Store large quantities in buildings designed and protected for storage of flammable liquids. Reference the storage conditions in NFPA 30 or OSHA 1910.106. Avoid high temperatures, sparks & open flames. Do not store above 120 F. Do not store in unlabeled containers. Keep closures tight and container upright to avoid leakage.

NOTE: Keep from freezing.

NOTE: Keep containers closed when not in use. Protect from direct sunlight.

CONDITIONS FOR SAFE STORAGE: Follow safe warehousing procedures. Avoid puncturing the container. Keep containers away from excessive heat. KEEP FROM FREEZING!



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8.0 EXPOSURE CONTROL / PERSONAL PROTECTION

SELECTING PROTECTIVE EQUIPMENT AND CLOTHING: When choosing personal protective equipment and clothing, consider each worker's environment, ventilation, temperature, all chemical exposures and any other adverse physical conditions. The level of protection needed for eye/skin, respiratory and other protection should be part of an ongoing job safety analysis conducted by the end user and supervisor. Safety Data Sheet Sections 2,3,8 and 11 should be consulted.

EXPOSURE CONTROLS: Provide sufficient mechanical or natural ventilation or exhaust to maintain exposures below limit guidelines or below levels that cause known, suspect or apparent side effects or the formation of dust or vapors. Allow easy access to emergency shower/eye wash facilities. Wash any contaminated clothing before reuse.

SKIN PROTECTION: Chemical resistant gloves are recommended to prevent skin contact. Heavier gloves are required for prolonged, repeated contact or immersion. Viton, nitrile, neoprene, butyl rubber or combinations may be suitable. Select a style and type of glove that provides the optimum chemical breakthrough protection. Impervious clothing is recommended to prevent skin contact.

EYE PROTECTION: Eye protection should be worn in any type of industrial operation. The use of safety glasses with side shields (or goggles) and a face shield is recommended to prevent against liquid splash. Contact lenses should not be worn.

VENTILATION: Provide sufficient ventilation to keep dust/ airborne particulates and organic vapor concentrations below OSHA personal exposure limits (PEL) of the chemicals listed in Section 3. Remove smoke or fumes formed by welding, flame cutting or grinding surfaces containing this material. Provide proper respiratory protection if ventilation or exhaust is inadequate. Use explosion-proof ventilation equipment. Liquids would not pose a dust hazard.

RESPIRATORY PROTECTION: In outdoor or open areas with unrestricted ventilation, use NIOSH approved dust mask to protect from particulate hazards. In restricted areas use a NIOSH approved organic vapor respirator with dust particulate pre-filter. Supplied air systems or intrinsic safe PAPR systems may be used. See section 3 for chemical exposure limits. Check respirator system specifications with a safety supplier. Liquids do not pose a dust hazard.

OTHER PROTECTIVE EQUIPMENT: The use of chemical resistant protective suit is suggested. Avoid any skin contact with vapors, mists, or spray. Prevent contact of materials with clothing if possible. Remove and wash contaminated clothing before re-use. Use an industrial type professional cleaning service, do not wash at home. Do not wear contaminated clothing or shoes away from the workplace. Leather products contaminated with this product should be discarded.

Exposure Limits For Inert and Nuisance Dust Particulates Not Otherwise Classified: OSHA (PEL): TWA =15 mg/m3 (total dust) 5 mg/m3 (respirable fraction). ACGIH(TLV): TWA = 10 mg/m3 (total dust).

Exposure limits for barium sulfate: (CAS# 7727-43-7) OSHA (PEL): TWA =10 mg/m3 (total dust), 5 mg/m3 (respirable) ACGIH(TLV): TWA =10 mg/m3 (total dust).

Exposure Limits For iron oxide (fume): (CAS# 1309-37-1) OSHA (PEL): TWA =10 mg/m3 (as total particulates) ACGIH(TLV): TWA = 5 mg/m3.

Exposure Limits for silica-amorphous: (CAS# 112926-00-8) (Silica, Silica Gel) OSHA (PEL): TWA = 6mg/m3 (total dust) ACGIH(TLV): TWA =10mg/m3 (total dust).

Exposure Limits For silica-crystalline: (CAS# 14808-60-7) (Quartz) OSHA (PEL): TWA = 0.1 mg/m3 (as respirable dust) ACGIH(TLV): TWA = 0.1 mg/m3 (as respirable fraction). * Crystalline silica is a potential chronic health hazard.

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9.0 PHYSICAL AND CHEMICAL PROPERTIES



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APPEARANCE	BROWN LIQUID
ODOR	Chemical
ODOR THRESHOLD (ppm)	.12
pH	8.5-9
FREEZING POINT	32 Degrees Fahrenheit, 0 Degrees Celsius
BOILING RANGE	208-490 F
FLASH POINT	N/A
EVAPORATION RATE	SLOWER THAN WATER
LEL% BY VOLUME	SEE SECTION 3
VAPOR PRESSURE	SEE SECTION 3
VAPOR DENSITY	HEAVIER THAN AIR
RELATIVE DENSITY (lbs/gal)	9.2602
SOLUBILITY	SOLUBLE IN WATER
AUTOIGNITION TEMP	>500 degrees Fahrenheit
DECOMPOSITION TEMP	(Not determined)
VISCOSITY	80-85 KU **SEE COMMENTS**

10.0 STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal storage conditions.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid freezing, avoid high heat. Never use pressure to empty. Do not drag, puncture or drop containers. Do not stack pails over 4 high.

INCOMPATIBILITIES: Keep away from all oxidizing materials. May form explosive peroxides of unknown stability. Material can react violently with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: May decompose to oxides of carbon, nitrogen, phosphorous, chlorine and/or sulphur. May also break down to release other irritating or toxic fumes if exposed to fire conditions.

ADDITIONAL DECOMPOSITION PRODUCTS: Gases containing chlorine and fluorine may be produced.

11.0 TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Ingestion, inhalation, eye contact, skin contact absorption.

ACUTE TOXICITY ORAL: LD50 (rat): >2,000 mg/kg

ACUTE TOXICITY DERMAL: LD50 (rat): >1,000 mg/kg

ACUTE TOXICITY INHALATION: LC50 (rat, 4h): >500 mg/m³

SKIN CORROSION/IRRITATION: May cause moderate to severe skin irritation. May cause drying, cracking, degreasing of skin.

SERIOUS EYE DAMAGE/IRRITATION: Causes serious eye irritation and may cause eye harm.

RESPIRATORY SENSITIZATION: Lab animal sensitizing. Some cases of sensitization also observed in humans.

SKIN SENSITIZATION: May cause sensitization in susceptible individuals. May cause allergic reactions.

SINGLE DOSE TOXICITY: May cause specific target organ toxicity in acute exposures. See specific information in section 2 of this SDS.

REPEATED DOSE TOXICITY: Chronic overexposure may cause damage to the liver, spleen, lymph node and gastrointestinal system. See specific target organs listed in Section 2.

ASPIRATION HAZARD: Aspiration may cause chemical pneumonitis and/or pulmonary edema as evidenced by coughing, labored breathing, cyanosis (bluish skin) or if severe aspiration may be fatal.

REPRODUCTIVE TOXICITY: Exposure has shown birth defects in laboratory animals. The relevance to humans has not been determined.

GERM CELL MUTAGENICITY: No positive results listed.



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OTHER EFFECTS: Repeated or prolonged exposure to some solvents has been associated with permanent brain and central nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors from this product may be harmful or fatal.

EFFECTS OF OVEREXPOSURE: There is no applicable information available regarding the carcinogen potential for this product as a whole, however any relevant information regarding any ingredient status as a potential, suspect, or confirmed carcinogen is listed in section 11 of the SDS.

This product contains a cobalt compound which has been listed by ACGIH as an A-3 animal carcinogen. IARC has classified cobalt and cobalt compounds as possible human carcinogens (CLASS 2B).

CARCINOGEN POTENTIAL: This product contains Crystalline Silica (Quartz). Prolonged overexposure to respirable silica dust may cause silicosis, a non-cancerous lung disease. Crystalline silica is also considered a probable carcinogen by IARC and as a reasonable anticipated human carcinogen by NTP. Silicosis is made worse by smoking. Liquid forms would not pose a dust hazard.

This product contains barium sulfate which is listed by OSHA and ACGIH as a nuisance dust. Long term overexposure to barium sulfate dust may produce benign Pneumoconiosis termed "baritosis" and may reduce lung functions. Liquid forms do not pose a dust hazard.

Prolonged and continuous exposure to excessive concentration of dust of any kind without using a dust mask may have an adverse pulmonary effect on some people. This overexposure may result in coughing, sputum, and reduced lung capacity. Pre-existing asthmatic conditions may worsen. Persons with lung diseases should not work in dusty areas unless a physician certifies their fitness to wear a respirator. (OSHA 1910.134). Liquids do not pose a dust hazard.

This product contains iron oxide, which is currently listed by OSHA & ACGIH as a fume hazard. Overexposure to dried particles may pose hazards to the eyes, ears & nose. Injury to the skin or mucous membranes can occur by rigorous skin cleaning or direct mechanical abrasion. Long term exposure to dust without respiratory protection may cause siderosis, a benign pneumoconiosis. Liquid products would not pose a dust hazard.

12.0 ECOLOGICAL INFORMATION

ECOTOXICITY FISH: LC50 (rainbow trout, 4d): > 1,000 mg/l

ECOTOXICITY AQUATIC PLANTS: EC50 (algae, 3d): > 500 mg/l

ECOTOXICITY AQUATIC INVERTEBRATES: EC50 (daphnia magna, 48h) > 200 mg/l

ECOTOXICITY MICROORGANISMS: EC50 (bacteria, 3h): >4,000 mg/l

PERSISTENCE AND DEGRADABILITY: Partially soluble in water. This product is predicted to partially degrade in soil and water.

BIOACCUMULATION / ACCUMULATION: Very low potential.

MOBILITY IN SOIL: No data available or no known significant effects or critical hazards.

OTHER ADVERSE ECOLOGICAL EFFECTS: No data available.

13.0 DISPOSAL INFORMATION

WASTE DISPOSAL: Waste must be disposed in accordance with local, state, provincial and/or federal regulations. Empty containers must be handled with care as they contain product residue. Before disposing any container, remove as much residue as possible. Waste liquid or dried product should be incinerated at an approved treatment/disposal facility or approved landfill. Do not reuse containers unless they are properly reconditioned/recycled.

CONTAMINATED PACKAGING: Empty remaining contents from containers. Empty containers should be disposed in a safe manner, do not allow residue to enter waterways. Do not heat or cut empty containers with electric or gas torch.

14.0 TRANSPORTATION INFORMATION

PROPER SHIPPING NAME - WATER BASED PRODUCT, DOES NOT SUSTAIN COMBUSTION NONCOMBUSTIBLE (ASTM D4206)

SHIPPING LABEL - KEEP FROM FREEZING LABEL



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15.0 REGULATORY INFORMATION

SARA 311/312 Hazards:

Acute Health Hazard

Chronic Health Hazard

Due to the presence of water, this product does not sustain combustion - USDOT 49CFR173.120(b)(3)

SARA 302 HAZARDS: No chemicals in this product are subject to the reporting requirements of SARA Title III Section 302.

SARA 304 HAZARDS: No chemicals in this product are subject to the reporting requirements of SARA Title III Section 304.

SARA 313 HAZARDS: This product contains chemical components that are reportable by SARA Title III section 313. They are listed in Section 3 of this Safety Data Sheet.

TSCA: All chemical substances in this product are listed by the Toxic Substance Control Act Inventory as required by 40CFR 700-799. This product complies with TSCA requirements.

CANADA 1988 WHMIS CLASSIFICATION:

B2: Flammable Liquid

D1A: Very Toxic Causing Immediate or Serious Effects

D2B: Toxic Material Causing Other Toxic Effects Eye and/or Skin irritation on animals

CALIFORNIA PROP 65: **WARNING:** This product contains products known to the State of California to cause cancer and/or birth defects or reproductive harm.

Benzene CAS# 71-43-2 Listed as causing cancer and developmental and male reproductive toxicity.

Ethyl Acrylate CAS# 140-88-5 Listed as causing cancer.

Methyl isobutyl ketone (MIBK) CAS# 108-10-1 Listed as causing cancer and developmental toxicity.

This product contains a cobalt compound or compounds that are on the New Jersey and Massachusetts Right-to-Know list.

This product contains ethylene glycol monobutyl ether which is on the New Jersey, Massachusetts and Pennsylvania Right-to-Know lists CAS# 111-76-2 (2-butoxyethanol).

This product contains Iron (III) Oxide which is on the New Jersey, Massachusetts and Pennsylvania Right-to-Know Lists. CAS #1309-37-1

This product contains propionic acid CAS# 79-09-4 which is on the New Jersey, Pennsylvania and Massachusetts Right-to-Know list.

This product contains secondary butanol or 2-butyl alcohol which is on the Massachusetts, Pennsylvania and New Jersey Right-to-Know Lists: CAS# 78-92-2

16.0 OTHER INFORMATION

NOTICE: The HMIS rating for this material involves data and interpretations compiled from the various material suppliers of the component ingredients. This information will vary from supplier to supplier. The rating is intended for rapid and general identification of this product's hazards. To adequately deal with the safe handling of this material, all information contained in the SDS must be reviewed as part of an ongoing Hazard Communication Program.

This safety data sheet was prepared to comply with the U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200 and the international GHS recommendations. The most current dated copy supersedes any previous dated information. Older information should be deleted to avoid confusion. VOC data determined by US EPA method 24.

DEFINITIONS: HAP = Hazardous Air Pollutant VHAP = Volatile Hazardous Air Pollutant

PRODUCT OF THE UNITED STATES

Chemical percent by weight as listed in Section 3.0 is the targeted formulation quantity. Batch variation does occur and actual quantities may slightly differ.



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HAZARD RATING 0 - MINIMAL 3 - SERIOUS
 1 - SLIGHT 4 - SEVERE
 2 - MODERATE * - CHRONIC

HMS RATING HEALTH - * 2 FLAMMABILITY - 0 REACTIVITY - 0

DATE OF PREPARATION 01/01/18

EFFECTIVE DATE 01/01/18

DATE PRINTED 01/29/18