



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

73-6390A

SAFETY DATA SHEET

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1.0 PRODUCT AND SUPPLIER IDENTIFICATION

PRODUCT CLASS	TRADE NAME	MFG PRODUCT NO.
INDUSTRIAL COATING PRODUCT	ENVIRO-CADDIE SAFETY YELLOW AQUA ENAMEL	73-6390A

Identified Uses: INDUSTRIAL COATINGS, RESINS AND PAINT RELATED MATERIALS

Supplier: SHEBOYGAN PAINT COMPANY
1439 NORTH 25th STREET / P.O. BOX 417
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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 corrosion 1B	1	H314	Causes severe skin burns and eye damage
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 toxicity acute narcotic effects (CNS)	3	H336	May cause drowsiness or dizziness
Skin sensitizer	1	H317	May cause an allergic skin reaction

Precautionary Statements:

Do not breathe dust/fume/gas/mist/vapors/spray.
Wash face, hands, and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/ face protection.
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
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.
IF ON SKIN: Wash with soap and water.
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.

Signal Word: DANGER



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.

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



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3.0 COMPOSITION AND INFORMATION ON INGREDIENTS

NT INGREDIENT	CAS#	ACGIH TLV		ACGIH STEL		OSHA PEL		OSHA CEILING		LEL % VOLUM	VAPOR PRESS		% BY Wght
		PPM	mg/m3	PPM	mg/m3	PPM	mg/m3	PPM	mg/m3		mm/Hg	DEG F	
C Glycol Ether Compd. (skin)	111-76-2	20.00	97.00	-----	-----	50.00	240.0	-----	-----	1.100	0.600 @ 68.	5.40	
A Secondary Butyl Alcohol	78-92-2	100.0	300.0	-----	-----	150.0	450.0	-----	-----	1.700	12.50 @ 68.	3.43	
C Triethylamine	VHAP 121-44-8	0.500	2.070	1.000	4.140	25.00	100.0	-----	-----	1.200	54.00 @ 68.	1.02	
NON-HAZARDOUS COMPONENT: Water		7732-18-5	-----	-----	-----	-----	-----	-----	-----	-----	17.50 @ 68.	51.4	
Iron (III) Oxide (dust)	20344-49-4	-----	5.000	-----	-----	-----	10.00	-----	-----	-----	----- @ ---	---	
Titanium Dioxide (dust)	13463-67-7	-----	10.00	-----	-----	-----	15.00	-----	-----	-----	----- @ ---	---	
C Ammonia	7664-41-7	25.00	17.00	35.00	24.00	50.00	35.00	-----	-----	16.00	6460. @ 68.	0.03	

C -This toxic chemical is subject to the reporting requirements of both Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372) and the Wisconsin Dept. of Natural Resources Administrative Code Chapter NR445.

VHAP = VOLATILE HAZARDOUS AIR POLLUTANT (VAPOR)

HAP = HAZARDOUS AIR POLLUTANT (SOLID)

(skin) = OSHA Skin Absorption Hazard

VOC content determined by EPA method 24.

A -This toxic chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372).

HAP = HAZARDOUS AIR POLLUTANT (SOLID)

VHAP = VOLATILE HAZARDOUS AIR POLLUTANT (VAPOR)

VOC content determined by EPA method 24.

4.0 FIRST AID MEASURES

GENERAL ADVICE: If you feel unwell seek advice immediately. Physicians: treat exposures symptomatically & supportively.

FIRST AID FOR EYE CONTACT: Gently wash eyes and eyelids with water for several minutes. Remove contact lenses if present and easy to do.

FIRST AID FOR SKIN CONTACT: Remove contaminated clothing. Wash affected areas with soap and water.

FIRST AID FOR INHALATION OF VAPORS: Remove to fresh air. Get medical attention if irritation develops.

FIRST AID FOR INGESTION: No adverse conditions expected. Rinse mouth, do not induce vomiting. If large amounts are ingested or if irritation develops, get medical attention.

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

5.0 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water based product. Flashpoint for this product is listed as N/A or Not Applicable due to the presence of water. If water has boiled off, this product may exhibit properties of NFPA Class II, IIIA, or IIIB liquids. Extinguishing agents for Class B fires 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 spray may be ineffective. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition when exposed to extreme heat. Water spray/fog nozzle settings are preferable. A self-contained positive pressure breathing apparatus should be worn in addition to full firefighting personal protective equipment. Keep unnecessary people away, isolate hazards, stay upwind, keep out of low areas.



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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 with inert absorbent. Avoid contact, avoid breathing vapors, see approved respiratory & 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 clean up assistance as necessary.

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.

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7.0 HANDLING AND STORAGE

ADVICE ON SAFE HANDLING: Wash hands thoroughly after handling. Protect from static spark discharge. Wear proper PPE, eye protection, gloves and respirator. Maintain good housekeeping, avoid residue accumulation. Eye wash stations should be available in the workplace. Do not breathe vapors. Do not have contact with eyes or skin. Avoid puncturing the container, do not drag. Spray operations must protect the worker from both vapors and spray mist/overspray.

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 flammable vapors. Allow easy access to emergency shower/eye wash facilities.

SKIN PROTECTION: Chemical resistant gloves are recommended. Use neoprene, nitrile or butyl rubber. Cover exposed skin with chemical resistant long sleeve clothing. The use of barrier creams should be minimized. Chemical resistant boots or footwear should be used.

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 particulate and organic vapor concentrations below OSHA personal exposure limits (PEL). Remove all smoke, dust, or fumes formed by welding, flame cutting, sanding or grinding surfaces coated with this material. Provide proper respiratory protection if ventilation or exhaust is inadequate.

RESPIRATORY PROTECTION: In outdoor or open areas with unrestricted ventilation, if needed, use NIOSH approved dust mask to protect from overspray airborne particulates. In restricted areas use NIOSH approved organic vapor respirator with dust particulate pre-filter. Supplied air systems or intrinsic safe PAPR systems with organic vapor protection may be used, consult OSHA respirator standard and check with a safety supplier for respirator system specifications.

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.



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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 titanium dioxide(dust): OSHA (PEL): TWA =15 mg/m3 (total dust) 5mg/m3 (respirable) ACGIH(TLV): TWA =10 mg/m3 (total dust).

9.0 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	YELLOW/ORANGE LIQUID
ODOR	NO DATA AVAILABLE
ODOR THRESHOLD	NO DATA AVAILABLE
pH	7.8-8.2 pH METER
FREEZING POINT	32 Degrees Fahrenheit, 0 Degrees Celsius
BOILING RANGE	192-730 F
FLASH POINT	N/A
EVAPORATION RATE	SLOWER THAN WATER
LEL% BY VOLUME	Not Available
VAPOR PRESSURE	Not Available
VAPOR DENSITY	HEAVIER THAN AIR
RELATIVE DENSITY	9.3486
SOLUBILITY	SOLUBLE IN WATER
AUTOIGNITION TEMP	>500 degrees Fahrenheit
DECOMPOSITION TEMP	(Not Determined)
VISCOSITY	28-30#2 ZAHN CUP @ 80 DEG.F.

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.

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 skin irritation.

SERIOUS EYE DAMAGE/IRRITATION: Causes serious eye irritation

RESPIRATORY SENSITIZATION: Non-sensitizing.

SKIN SENSITIZATION: Non-sensitizing.

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, kidneys, spleen, blood cells, bone marrow, eyes, lungs, heart, 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.



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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.

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.

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). Liquid paint does not readily release dust.

12.0 ECOLOGICAL INFORMATION

ECOTOXICITY FISH: LC50 (fathead minnow, 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.

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.

14.0 TRANSPORTATION INFORMATION

PROPER SHIPPING NAME - NOT REGULATED, WATER BASED PRODUCT

KEEP FROM FREEZING

SHIPPING LABEL - KEEP FROM FREEZING LABEL

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 2 of this Safety Data Sheet.



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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 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

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 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. DEFINITIONS: HAP = Hazardous Air Pollutant

VHAP = Volatile Hazardous Air Pollutant

PRODUCT OF THE UNITED STATES

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

HMIS RATING HEALTH - * 3 FLAMMABILITY - 0 REACTIVITY - 1

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