

Material Safety Data Sheet

acc. to ISO9001: 2000

Page 1/7

Section 1-Chemical product and company identification**Trade name:** Wood Lacquer and Wood Preservative WL-600-CL**Effective Date:** 2022-03-01**MSDS#:**20220301**Manufacturer/Supplier:** ABRO INDUSTRIES, INC.

3580 Blackthorn Court South Bend, IN 46628, USA

Information department: Technology Department**Emergency information:** Chemtrec: US/Canada 1-800-424-9300 International +1-703-527-3887**Section 2 - Composition / Information on Ingredients**

ITME	Ingredient Name	CAS Number	% vol
01	Alkyd polymer	63148-69-6	55
02	Xylene	108-38-3	30
03	Acrylic Resin	9007-20-9	10
04	Phenolic epoxy resin	61788-97-4	5

Section 3 - Hazards Identification**EMERGENCY OVERVIEW :**

Vapors irritating to eyes and respiratory tract. Vapors may cause flash fire or explosion.

EFFECTS OF OVEREXPOSURE - EYE CONTACT:

Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT:

Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

EFFECTS OF OVEREXPOSURE - INHALATION:

Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Prolonged inhalation may be harmful.

EFFECTS OF OVEREXPOSURE - INGESTION: This material may be harmful or fatal

if swallowed. Corrosive and may cause severe and permanent damage to mouth, throat and stomach.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure may cause nervous system damage. Overexposure may cause lung damage. Overexposure may cause kidney damage.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION INGESTION EYECONTACT

Material Safety Data Sheet

acc. to ISO9001: 2000

Section 4 - First aid measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

FIRST AID - SKIN CONTACT: Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: Get medical attention immediately. If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Section 5 - Fire-Fighting Measures

Extinguishing Media: Dry chemical, foam, carbon dioxide, sand. Water may be an ineffective extinguishing medium.

General Fire Hazards: This product is combustible at high temperatures. Toxic fumes, gases or vapors may evolve on burning.

Hazardous Combustion Products: Carbon monoxide and carbon dioxide.

Fire-Fighting Equipment/Instructions: Use water spray to cool fire-exposed containers and as a protective screen. Wear full set of protective equipment including chemical goggles and gloves.

Section 6 - Accidental Release Measures

Containment Procedures: Contain the discharge material. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

Clean-Up Procedures: Attempt to reclaim the free product, if this is possible. If molten product spilled, solidify and recover.

Evacuation Procedures: Isolate area. Keep unnecessary personnel away.

Special Instructions: Avoid inhalation of fumes from molten product. Avoid skin contact with molten resins. Wear appropriate protective equipment and clothing during clean-up. Do not allow the spilled product to enter public drainage systems or open water courses.

Section 7 - Handling and Storage

Procedures for Handling: Avoid breathing fumes if this product is used at high temperatures. Keep away from potential sources of ignition. Wash hands after handling and before eating.

Recommended Storage Methods: Keep the container tightly closed and in a cool, well-ventilated place. Store away from strong oxidizers. Do not store this material in open and unlabeled containers.

Material Safety Data Sheet

acc. to ISO9001: 2000

Section 8 - Exposure Controls / Personal Protection

Exposure Limit:

Occupational Exposure Limit:

Composition	Standard Source	Types	Standard Value	Note
Xylene	GBZ 2.1-2007	PC-TWA	50 mg/m ³	===
		PC - STEL	100 mg/m ³	===

Biological Exposure Limit:

Composition	Standard Source	Biological Monitoring Indicators	Biological Limit	Sampling Time
Xylene	No regulations	===	===	===

Engineering Controls: Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

Eye / Face Protection: Wear safety goggles or faceshield when working with melted material.

Skin Protection: Chemically resistant gloves with thermal protection when working with melted paraffin.

Respiratory Protection: Under normal conditions, respirator is not normally required.

General: Use good industrial hygiene practices.

Section 9 - Physical and Chemical Properties

Physical State: Yellow Transparent Liquid

PH value (specified concentration): No data available

Melting point (° C): No data available

Boiling point (initial boiling point) (° C): > 35

Relative density (water = 1): 0.957g / cm³

Heat of combustion (kJ / mol): No data available

Saturation Vapor pressure (kPa): No data available

Critical pressure (MPa): No data available

Critical temperature (° C): No data available

Flash point (° C): 29 (closed cup)

N-octanol / water partition coefficient: No data available

Decomposition temperature (° C): No data available

Ignition point (° C): No data available

Explosion upper limit [% (V / V)]: No data available

Explosion lower limit [% (V / V)]: No data available

Flammability: Flammable.

Viscosity: 1500-3500mPa.s / 30 °C

Solubility: Insoluble in water, soluble in most organic solvents such as alcohol, ketone, ether, etc.

Page 4/7

Material Safety Data Sheet

acc. to ISO9001: 2000

Section 10 - Stability and Reactivity

Chemical Stability: Stable

Dangerous Reactions: It can react strongly with oxidants, which may cause fire and explosion.

Chemical Incompatibilities: Strong oxidizing agents (peroxides, chlorine), acids and alkali metal.

Conditions to Avoid (Stability): Avoid excessive heat and all sources of ignition.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, hydrogen chloride, phosgene.

Section 11- Toxicological Information

Acute Toxicity / Target Organ Information:

Xylene: LD50: 5000mg / kg (rat oral), 14100mg / kg (rabbit percutaneous), 1739mg / kg (mouse abdominal cavity);

LC50: 5000ppm (rat inhalation, 4h);

LDLo: 50mg / kg (human oral); 200ppm (human inhalation); 1000ppm (human inhalation, 6h)

Skin Irritation Or Corrosion:

Xylene: rabbit percutaneous: 500mg / 24 hours, moderate irritation (developmental stimulus test).

Eye irritation or corrosion:

Xylene: rabbit eye, 5mg (24h), severe irritation; human eye: 200ppm, irritation

Respiratory or skin sensitisation: Not available

Germ cell mutations:

Xylene: Female rats inhaled the lowest toxic dose (TCLo) 3000ppm (24h) from 7 to 14 days after pregnancy, which caused malformation of the musculoskeletal system. The lowest toxic dose (TCLo) of 12mg / kg after oral administration of 12-15 days after pregnancy in female mice caused malformation of the craniofacial (including nose and tongue) development. Rats inhaled the lowest toxic dose (TCLo) 3000ppm (24h) (dose at 7-14 days of pregnancy), which has an impact on mortality before embryo implantation, fetal rat musculoskeletal morphology, and embryo toxicity.

Carcinogenicity: Not available

Reproductive toxicity / teratogenicity: Not available.

Specific target organ toxicity: Single exposure: No data available.

Specific target organ toxicity repeated exposure:

Xylene: Rats and rabbits inhaled at a concentration of 3000 mg / m³, 8 hours a day, 6 days a day, for a total of 130 days, with a slight leukopenia, changes in red blood cells and blood platelets.

Aspiration hazard: no information available

Material Safety Data Sheet
acc. to ISO9001: 2000

Section 12 - Ecological Information

Ecotoxicity:

Xylene: LC50: 16mg / l (96h) (goldfish); 8.4mg / l (96h) (rainbow trout);

EC50: 9.56 mg / l (48h) (water flea);

ErC50: 4.9mg / l (72h) (Crescent Crescent).Environmental Fate: No information is

Persistence and degradability:

Xylene:

Biodegradability: Easy and rapid biodegradation Non-biodegradation: Photolysis Maximum light absorption wavelength range (nm): 265 ~ 277; Photooxidation half-life in water (h): $4.80 \times 10^6 \sim 2.40 \times 10^8$; Photooxidation in air Half-life (h): 2.6 ~ 26;

Bioaccumulation or bioaccumulation: Not available.

Mobility in soil: Not available

Section 13 - Disposal Considerations

U.S. EPA Waste Number & Descriptions:


A. General Product Information - Product as shipped does not meet the definition or characteristics of a hazardous waste.

B. Component Waste Numbers - No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions:

Incinerate the material under controlled conditions in an approved incinerator.

Material Safety Data Sheet
acc. to ISO9001: 2000

Section 14 - Transport Information			
	Road transport (ADR / RID)	OCEAN transport (IMDG)	air transport (ICAO/IATA)
United Nations Dangerous Goods Number (UN number)	1866	1866	1866
UN shipping name	Resin solution	Resin solution	Resin solution
UN Hazard Classification	3	3	3
Packaging category	III	III	III
Packing mark			
Marine pollutant	NO	NO	NO
method of packing	Packed in metal drums (cans) and packed in closed steel drums with a thickness of 1.25mm. The net weight of each barrel does not exceed 200kg. The container should be air-tight or liquid-tight, and there should be not less than 5% expansion space to prevent the container from rupturing due to the expansion of the heated volume of the liquid.		

Transportation precautions:

- Transport vehicles should be equipped with corresponding types of fire fighting equipment and emergency leakage equipment.
- Prohibit the use of spark-prone machinery and tools.
- It is strictly prohibited to mix and transport with oxidants, acids, strong bases, edible chemicals, etc.
- The package should be complete at the time of shipment, and the loading should be secure.
- It should be protected from direct sunlight, rain and high temperature during transportation.
- Road transportation should follow the prescribed route, and do not stop in residential areas and densely populated areas.
- Stay away from fire, heat sources, and high temperature areas during stopovers.

Material Safety Data Sheet
acc. to ISO9001: 2000

Section 15 - Regulatory Information

U.S. Federal Regulatory Information:

A. General Product Information - All components of this product are listed on the U.S. EPA TSCA Inventory.

B. Component Information - None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4).

State Regulations:

A. General Product Information - No components require labeling under California Proposition 65.

B. Component Information - None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, or PA.

Other Regulations:

A. General Product Information - All known (non-proprietary) components of this product are listed on the EINECS inventory of existing chemicals.

B. Component Information - None of this product's components are listed on the Canadian Controlled Product Ingredient Disclosure List.

Section 16 - Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Fisher be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such damages