

POLYMER COATING

1. Product Data

Date of Preparation: April 27, 2020

Trade Name: WATER BASE GRAY METALLIC

Formula: WRM - 9700

Producer: Hohmann & Barnard, 30 Rasons Court, Hauppauge, NY 11788

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2. Hazards Identification

Hazardous classification:

Reproductive Toxicity: 2

Dermal Toxicity: Acute 4

Oral Toxicity: Acute 4

Hazardous Statements:

H302 Harmful if swallowed

H312 Harmful in contact with skin

H361 Suspected of damaging fertility or the unborn child

Precautionary Statements:

P201 Obtain special instructions before use

P202 Do not handle until all safety precautions have been read and understood

P264 Wash skin thoroughly after handling

P270 Do not eat, drink or smoke when using this product

P280 Wear protective gloves/protective clothing/eye and face protection

P281 Use personal protective equipment as required

P312 Call a POISON CENTER or doctor if you feel unwell.

P322 Specific measures (see section 4)

P330 Rinse mouth

P363 Wash contaminated clothing before reuse

P301+312

IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell

P302+P352

IF ON SKIN: wash with plenty of soap and water

P308+P313

IF exposed or concerned: Get medical advice/attention

P405 Store locked up

P501 Dispose of contents/container according to state, local, and federal regulation

Carcinogenicity: None.

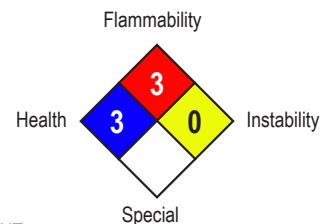
Signal word: Warning



Hazardous Material Information System (HMIS)

Health	3
Flammability	3
Reactivity	0
Personal Protection	[H]

National Fire Protection Association (NFPA)



0 = INSIGNIFICANT 1 = SLIGHT
2 = MODERATE 3 = HIGH 4 = EXTREME

3. Composition

INGREDIENT DESCRIPTION	% BY WGT.	C.A.S NO.	P.E.I.	T.L.V.
BUTYL CELLOSOLVE*	9 -11	111-76-2	50 PPM	50 PPM
DIMETHYL ETHANOL AMINE*	2 - 4	108-01-0	N.E.	N.E.
SEC. BUTYL ALCOHOL*	4 - 6	78-92-2	100 PPM	100 PPM
2- PROPANOL 1 BUTOXY	3 - 6	005131-66-8	N.E.	N.E.

*Substance is reportable under SARA III, Section 313

Specific chemical identity and percentage content of ingredients withheld as trade secret pursuant to Massachusetts regulations. Reporting requirements of section 313 title III of the superfund amendments and reauthorization act of 1986 and 10 CFR part 373 apply.

4. First Aid

Eyes: Flush with lukewarm water for 15 minutes. Seek medical attention immediately.

Skin: Flush/wash with copious amounts of lukewarm water. Remove contaminated clothing. Seek medical attention.

Inhalation: Remove exposed individual to fresh air. Seek medical attention.

Ingestion: Rinse mouth immediately. Give exposed individual 6 to 9 oz. of liquid. Do not induce vomiting unless advised by a physician. Contact physician.

5. Fire Fighting Measures

Flammable Limits: No data found.

Flash Point: Above 200°F

Extinguishing Media: *USE CO2, DRY CHEMICAL OR FOAM EXTINGUISHER:* To extinguish in Solvent Based Flammable Liquid fires. (Does not apply to Water Borne Products as they will not support combustion.)

Special Fire Fighting Measures: Applies to Solvent and Water Borne Products. Water may be used to cool containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

When fighting a fire involving aluminum paint, do not use a stream of water or halogenated extinguishing agents.

Aluminum particles suspended in air may form an explosive mixture, avoid any disturbance which could cause a dust cloud such as directing a water stream or gas-propelled fire extinguisher into the burning material.

Direct a Class D fire extinguisher above the burning material and let it rain down. If the fire at some point has the appearance of metal burning with a bright, whitish glow, do not attempt to extinguish it. Try to isolate it by ringing it with a dry, inert granular material such as sand, and then let alone. Allow the material to become cold before preparing it for disposal. Because if the metal has ignited, it may continue to burn under a crust without flames being visible.

For further information see NFPA-651, standard for the manufacturer of aluminum and magnesium powder.

Heat Protection Procedures: Applies to Solvent Based and Water Borne Products. Containers exposed to intense heat should be cooled with water to prevent vapor pressure buildup, which could result in container rupture.

Unusual Fire and Explosion Hazards: Applies to Solvent Based Products. (Does not apply to Water Borne Products.) Keep containers tightly closed. Isolate from heat, electrical equipment, and extreme heat. Do not apply to hot surfaces. Never use welding or cutting torch on or near container (even empty) because (even residue) may ignite explosively.

6. Accidental Release Measures

Solvent Based Products. *(Does not apply to Water Borne Products.)* Stay upwind and away from spill unless wearing appropriate protective equipment. Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away. Ventilate area of spill. Use non-sparking tools for clean up. Cover inert material to reduce fumes. Contact Fire department. Notify local health and pollution control agencies. Call Spill Response Team if spill is large.

7. Handling and Storage

Keep containers cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. Do not smoke in storage area. Proper grounding techniques are to be employed during all phases of handling and application. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues, all hazard precautions given in this sheet must be observed.

8. Exposure Controls / Personal Protection

HOHMANN & BARNARD, INC., Takes no responsibility for determining requirements for any specific application.

Gloves/Apparel: Natural rubber, neoprene, or nitrile should be worn during prolonged and repeated contact. Aprons should be worn to prevent skin contact.

Eyes: Avoid contact with eyes. Use safety eyewear with perforated sideshields. Eyewash stations and safety showers should be available in handling areas.

Respiratory: In open or outdoor areas use (NIOSH/MSHA APPROVED) mechanical filter. In restricted ventilation areas use (NIOSH/MSHA APPROVED) respirators/hoods.

Ventilation: As required to control vapor concentrations. Provide general dilution and local exhaust ventilation in volume and pattern to keep TVL (SEC. II) of the most hazardous ingredient at stated limit and to remove decomposition during welding or flame cutting on surfaces coated with this product.

Hygienic Practices: Wash hands thoroughly before eating and using the washroom. Remove contaminated clothing immediately and wash before wearing again.

9. Physical and Chemical Properties

BOILING POINT: 240-350°F

VAPOR PRESSURE: No data found

VAPOR DENSITY: Heavier than air

WATER SOLUBLE: Yes

SPEC GRAVITY: No data found

% VOLATILE BY VOLUME: 54.84 ±3.0

WEIGHT PER GALLON: 10.23 ±0.30

SOLIDS BY WGT.: 57.12 ±3.0

SOLIDS BY VOL.: 45.16 ±3.0

VOC (LB/GAL.): 2.3 As supplied

VOC: 2.80 (Minus Water)

HAPS FREE- 35% HAPS - 65%

LB. HAPS/GAL. 1.52

LB. HAPS FREE/GAL. 0.78

10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Solvent Based Products. (Does not apply to Water Borne Products.) Do not expose to sparks, open flames, hot surfaces, and sources of heat and ignition. When heated to decomposition (welding) may produce hazardous fumes

Incompatible Materials: Strong acids

Hazardous Polymerization: Will not occur.

11. Toxicological Information

Routes of Entry: Skin and Eye contact, Inhalation.

Effects of Overexposure: Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Wear an appropriate, properly fitted respirator (NIOSH/MSHA APPROVED) before and during application unless air monitoring demonstrates vapor/mist levels are below applicable limits. This product may contain organic solvents, which may cause eye, skin, and respiratory tract irritation.

TLV: Approx

Mutagenic Effects: Mutagenic for bacteria and/or yeast. May cause damage to the following organs: blood, kidneys, liver, central nervous system (CNS).

Other Toxic Effects: Hazardous in case of skin contact (permeator), of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant). May cause damage to mucous membranes

Special Remarks: May cause adverse reproductive effects (maternal and paternal fertility, fetotoxicity) based on animal data. May cause birth defects (teratogenic) based on animal data. May cause cancer (tumorigenic) based on animal data.

Other Toxic Effects: Acute Potential Health Effects:

Skin: Causes skin irritation and possible burns. Penetrates intact skin easily and can cause systemic effects and central nervous system depression (see inhalation). Eyes: may cause severe eye irritation. Inhalation: May cause irritation of the respiratory tract. May affect behavior (analgesia), behavior/central nervous system (headache, drowsiness, dizziness, stuttering, coma, weakness, ataxia, slurred speech, loss of coordination and judgement, personality changes, analgesia, blurred vision, tremor, excitement, somnolence), sense organs, the gastrointestinal tract (nausea, vomiting), metabolism (metabolic acidosis), respiration (dyspnea), urinary system (kidneys - hematuria, albuminuria, polyuria, oliguria, renal failure), liver (liver damage). Exposure to high vapor concentration may also cause corneal or lens opacity of the eyes. Ingestion: Causes gastrointestinal tract irritation with nausea, vomiting, diarrhea. May affect behavior/central nervous system (see inhalation), respiration (dyspnea), metabolism, cardiovascular system. Chronic Potential Health Effects: Inhalation and Ingestion: Prolonged or repeated inhalation or ingestion may affect the liver, blood (changes in red blood cell count,

pigmented or nucleated red blood cells, microcytosis with or without anemia, erythropenia, reticulocytosis, granulocytosis, leukocytosis), urinary system (kidneys -hematuria), metabolism (weight loss), endocrine system (spleen, thymus, pancreas). Prolonged or repeated inhalation of high concentrations may also cause lung hemorrhage, congestion, bronchopneumonia.

Toxicological Data on Ingredients:

Butyl Cellosolve: ORAL (LD50): Acute: 1230 mg/kg [Mouse]. 470 mg/kg [Rat]. DERMAL (LD50): Acute: 220 mg/kg [Rabbit]. VAPOR (LC50): Acute: 700 ppm 7 hours [Mouse].

Dimethyl Ethanol Amine: ORAL (LD50): Acute: 2000 mg/kg [Rat]. DERMAL (LD50): Acute: 1370 mg/kg [Rabbit]

Sec. Butyl Alcohol: ORAL (LD50): Acute: 6480 mg/kg [Rat].

12. Ecological Information

No data found.

13. Disposal Considerations

Applies to Solvent Based and Water Borne Products.

Do not flush to sewer, watershed, or waterway. Use until one inch remains in container. Deface Label. Dispose of in accordance with local, state, and federal regulations. Do not incinerate closed containers.

14. Transport Information

No data found.

15. Regulatory Information

No data found.

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