

NATIONAL PAINT INDUSTRIES®



SAFETY DATA SHEET

1. Product and Company Identification

Material name WIL-BOND
Revision date 05/01/2015
Product code W3606
Product use Surface Prep Material
Manufacturer/Supplier National Paint Industries
1999 Elizabeth Street
North Brunswick, NJ 08902
732-821-3200

Emergency 24-Hour Emergency: CHEMTREC: (703) 527-3887
or (800) 424-9300

2. Hazards Identification

Physical state Liquid.
Appearance Clear
Emergency overview WARNING -
Causes skin and eye irritation. Mist or vapor irritating to eyes and respiratory and digestive tract.
OSHA regulatory status This product is hazardous according to OSHA 29 CFR 1910.1200.
Potential health effects
Routes of exposure Inhalation. Eye contact. Skin contact., Ingestion
Skin Irritating to skin.
Inhalation Irritating to respiratory system.
Ingestion Irritating to digestive tract in amounts likely to be ingested by accident.
Potential environmental effects May be harmful to aquatic organisms.



3. Composition / Information on Ingredients

Components	CAS Number	Concentration
Ethanol	64-17-5	<50%
Butanol	71-36-3	<10.0%
1-Methoxy,-2 -Propanol	107-98-2	<15.0%

(Propylene Glycol Monomethyl Ether)

Methyl Isobutyl Ketone	108-10-1	<5.0%
Isopropanol	67-63-0	<5.0%
Isobutanol	78-83-1	<5.0%

4. First Aid Measures

Eye contact	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention. In case of irritation from airborne exposure, move to fresh air. Get medical attention if symptoms persist.
Skin contact	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation persists. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.
Inhalation	Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor immediately for further treatment advice. For additional information in case of emergency call toll free Chemtrec 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor for treatment..
Ingestion	DO NOT INDUCE VOMITING UNLESS TO DO SO BY MEDICAL PERSONEL. Call a poison control center or doctor immediately for treatment advice. NEVER give anything by mouth to an unconscious person..

5. Fire Fighting Measures

Flammable properties	Flammable, Category 3, Less than 80 deg F.
Extinguishing media	Suitable extinguishing media - Water, water fog, foam, dry chemical, carbon dioxide
Fire fighting equipment/instructions.	- Self contained breathing apparatus and full protective clothing
Hazardous combustion products	- Carbon oxides..

6. Accidental Release Measures

Personal precautions	Ensure adequate ventilation. Wear suitable protective clothing. See Section 8 of the MSDS for Personal Protective Equipment.
Environmental precautions	Collect using non-sparking equipment and dispose of spillage in accordance with state and local regulations.
Methods for containment	Dike the spilled material, where this is possible. Prevent entry into waterways, sewer, basements or confined areas.
Methods for cleaning up	Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Never return spills to original containers for re-use. Following product recovery, flush area with water. Clean surface thoroughly to remove residual contamination.
Other information	Clean up in accordance with all applicable regulations.

7. Handling and Storage

Handling	Avoid breathing mists or vapors. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Wash thoroughly after handling. Observe good industrial hygiene practices.
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Storage

Keep container tightly closed and in a well-ventilated place. Store in closed original container at room temperature. Store away from incompatible materials.

8. Exposure Controls / Personal Protection**Occupational exposure limits****US. ACGIH Threshold Limit Values****Components****Type****Value**

Ethanol 64-17-5)

STEL 1000 ppm

TWA 1000 ppm

Butanol (71-36-3)

STEL 150 ppm

TWA 150 ppm

1-Methoxy-2-Propanol (107-98-2)

STEL 100 ppm

TWA 50 ppm

Methyl Isobutyl Ketone (108-10-1)

STEL 75 ppm

TWA 50 ppm

Isopropanol (67-63-0)

STEL 1230 ppm

TWA 980 ppm

Isobutanol (78-83-1)

STEL Not Available

TWA Not Available

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**Components****Type****Value**

Ethanol	PEL	1000ppm
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Butanol	PEL	Not Available
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1-Methoxy-2-Propanol	PEL	Not Available
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Methyl Isobutyl Ketone	PEL	Not Available
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Isopropanol	PEL	1225 mg/m3
Isobutanol	PEL	300 mg/m3

Engineering controls	Ensure adequate ventilation, especially in confined areas.
Personal protective equipment	
Eye / face protection	Wear safety glasses with side shields (or goggles). Wear a full-face respirator, if needed.
Skin protection	Wear chemical-resistant gloves, footwear and protective clothing appropriate for risk of exposure. Contact glove manufacturer for specific information.
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical & Chemical Properties

Appearance	Liquid.
Color	Clear
Odor threshold	Not available.
Physical state	Liquid.
Form	Liquid.
pH	Not Applicable
Melting point	Not Applicable.
Freezing point	Not Applicable.
Boiling point	173 °F
Flash point	Less than 80 deg F.
Evaporation rate	Faster than water.
Flammability limits in air, upper, % by volume	
Flammability limits in air, lower, % by volume	1.2
Vapor Pressure	Unknown
Vapor density	Heavier than air
Specific gravity	0.87-0.88.
Solubility (water)	Limited Soluble.
Partition coefficient (n-octanol/water)	
	No data available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.

10. Chemical Stability & Reactivity Information

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Contact with flames and high heat.
Incompatible materials	Water, strong acids and alkalis.
Hazardous decomposition products	Carbon Oxides
Possibility of hazardous reactions	- Hazardous decomposition will not occur

11. Toxicological Information

Toxicological data

Components

Test Results

Ethanol

Acute Oral 790 mg/Kg

Acute Dermal 20,000 mg/m3

Butanol

Acute Oral 790 mg/Kg

Acute Dermal 8000 mg/m3

1-Methoxy-2-Propanol

Acute Data Not Available

Methyl Isobutyl Ketone

Acute Oral 1600 mg/m3

Acute Dermal 20000 mg/m3

Isopropanol

Acute Oral 5045 mg/m3

Acute Dermal 12800 ppm

Isobutanol

Acute Oral 2640 mg/m3

Acute Dermal 3400 ppm

Acute effects

Causes skin and eye irritation. Mist or vapor irritating to eyes and respiratory and digestive tracts.

Local effects

US ACGIH Threshold Limit Values: Skin designation - Can be absorbed through skin.

Sensitization

This material has a low potential to cause allergic skin reactions..

Carcinogenicity

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

12. Ecological Information

Ecotoxicological data

Components

Test Results

No data available

Ecotoxicity - Not harmful to aquatic organisms.

Persistence and degradability - Unknown

Bioaccumulation / Accumulation - Unknown

Partition coefficient (n-octanol/water) - Unknown
Mobility in environmental media - No ecotoxicity known or available

13. Disposal Considerations

Disposal instructions Dispose of contents/container in accordance with local/regional/national/international regulations.
Contaminated packaging Since emptied containers may retain product residue, follow label warnings and disposal procedures..

14. Transport Information

UN Number - UN1263

UN Proper Shipping Name - PAINT

**Transport Hazard Classes **

DOT (Domestic Surface Transportation - Proper Shipping Name - PAINT

Product can be shipped ORM-D Consumer Commodity

DOT Hazard Class - 3

UN/NA Number - UN1263

UN Packing Group - III

IMO/IMDG (Ocean Transportation)

IMDG Shipping Name - PAINT

IMDG Hazard Class - 3, Sub Class - 3

IMDG Packing Group - III, System Reference Code - 1

Environmental Hazards

IMDG - Marine Pollutant - Yes

Special Precautions for User - Not Regulated

Transport in bulk according to Annex II of MARPOL 7378 and the IBC Code

Not Applicable

15. Regulatory Information

US federal regulations This product is hazardous according to OSHA 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.
US TSCA Section 12(b) Export Notification: For exportation, please follow directions provided by the Federal EPA on Export of Registered Pesticides.

Drug Enforcement Administration (DEA) (21 CFR 1308.11-15) - Not controlled

State regulations This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

HMIS® ratings Health: 2
Flammability: 3
Physical hazard: 2

NFPA ratings Health: 3
Flammability: 3
Instability: 0

Disclaimer

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. National Paint Industries assumes no responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in

the data sheet. Additionally, National Paint Industries assumes no responsibility for injury to vendor or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Issue date

01-01-2015