

Material Safety Data Sheet

1. Chemical Name & Company Information

Product name: Waterbased Wood Coating

Company Name: SKSHU Paint Co., Ltd

Add: No.518 Liyuan North Avenue, Licheng District, Putian, Fujian, China

Post Code: 351100

Tel: 0086-594-2537303

Fax: 0086-594-2881792

2. Chemical Composition information

Components	Ratio
Latex Emulsion	80%
Dipropylene Glycol Methyl Ether	3%
Dipropylene Glycol Mono Butyl Ether	3%
Propanediol	1%
Other Agent	2%-3%
Wax Emulsion	3%
Water	7%-8%

3. Physical & Chemical Properties

Appearance (Physical State):	Liquid
Color:	Transparent/White
Density:	1.10-1.15
Flash Point:	N/A
Water solubility:	Soluble
Molecular formula:	admixture
Vapor pressure	N/A
Boiling point	N/A
Auto ignition temperature (C)	N/A
Others properties	N/A

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SKSHU PAINT CO., LTD

4. Hazardous Component Identification

This product does not contain any hazardous substances, may be harmful if swallowed and may cause skin and eye irritation.

Target organs: eye, skin, respiratory system, digestive system.

5. First-aid measures

Eye contact	Immediately flush eyes with large amount of water for at least 15 min or until irritation subsides. Obtain medical attention if necessary.
Skin contact	In case of contact, wash skin with water and soap. If irritation persists, get medical attention.
Inhalation	Remove to fresh air immediately. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen. Keep at rest. Obtain medical attention if necessary.
Ingestion	DO NOT induce vomiting unless directed to do so by a medical personnel. Never give anything by mouth to an unconscious person. Keep at rest. Get medical attention if necessary.

6. Fire fighting measures

Extinguishing media	Carbon dioxide, foam or dry chemical type recommended.
Fire fighting advice	Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited.
Special information	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapor or products of combustion.

7. Accidental related measures

Person related precautionary measures	Avoid substance contact with eyes. Do not inhale vapors. Ensure supply of fresh air in enclosed rooms. Use
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MSDS Number : 046065800

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SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : Woodbond 425
CAS Number : none
HMIS Hazard Rating : Health : 1 Fire : 1 Reactivity : 0
Company Identification : Franklin International
2020 Bruck Street
Columbus, OH 43207
Contact : Franklin Technical Services
Telephone / Fax : (800) 877-4583 (614) 455-1493
Emergency Phone (24 Hour) : Franklin Security
(614) 445-1300
Chemtrec (24 Hour) : (800) 424-9300
Chemtrec International : (703) 527-3887
Product Class : Polyvinyl Acetate Emulsion
Product Use : Wood Glue
Product Code : 6065

Division : Industrial Adhesives & Sealants

SECTION 2 – COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Percent
Product contains no hazardous ingredients or they are below reportable levels.		

OSHA PELs & ACGIH TLVs are listed in Section 8 where applicable

SECTION 3 – HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

Light beige colored water-based adhesive. Slippery in the wet state.

Routes of Entry:

Ingestion : Yes
Inhalation : Yes
Skin : Yes
Eye : Yes

INHALATION :

No reported incidents of adverse health affects resulting from inhalation of vapors at room temperature.

INGESTION :

No hazard expected in normal industrial use. Ingestion is not a likely route of exposure.

SKIN :

Prolonged or repeated skin contact can cause irritation.

EYE:

Substance may cause moderate eye irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE :

None identified.

CARCINOGENICITY :

IARC : No
NTP : No
OSHA : No

REPRODUCTIVE TOXICITY :

This product has not been evaluated for reproductive toxicity.

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SECTION 4 – FIRST AD MEASURE

INHALATION :

Remove patient to fresh air, if discomfort persists seek medical attention.

INGESTION :

Call poison control center immediately. Follow their specific instructions. Do not induce vomiting.

SKIN :

Wash with soap and water. Contact a physician if irritation develops or persists.

EYE :

Hold eyelids apart and flush with plenty of water for at least 15 minutes. Seek medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

Flammability Class (OSHA) IIIIB

Flash Point : Not Applicable

Explosive Range : Not Applicable

EXTINGUISHING MEDIA :

Use alcohol foam, carbon dioxide, water spray, or ABC dry chemical when fighting fires involving this product.

HAZARDOUS COMBUSTION PRODUCTS :

Oxides of carbon.

FIRE FIGHTING PROCEDURES :

Wear a NIOSH approved self-contained breathing apparatus.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

CONTAINMENT TECHNIQUES :

Use inert absorbent to dike the spill. Keep away from drains.

CLEAN-UP :

If possible pump liquid into an approved container or spread absorbent over spill and shovel product/absorbent mixture into an approved container. If product has dried scrape up and place in an approved container.

SECTION 7 – HANDLING AND STORAGE

HANDLING :

Empty drums should be completely drained, properly bunged and promptly returned to a reconditioner, or properly disposed of.

Use only in well ventilated area.

STORAGE :

Keep from freezing

Store at temperatures between 50 F and 90 F

PRECAUTIONARY STATEMENT :

Keep out of the reach of children.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits

ACGIH TLV

ACGIH TLV-C

ACGIH STEL

OSHA STEL

OSHA PEL

ENGINEERING CONTROLS :

Use local exhaust as needed to maintain occupational exposure limits.

OTHER :

Facilities storing or utilizing any chemical should be equipped with an eyewash facility and a safety shower.

RESPIRATORY PROTECTION :

Where exposure limits may be exceeded select a NIOSH approved respirator with appropriate Protection Factor and cartridge for the specific contaminants. Follow requirements for respiratory protection in OSHA 1910.134.

EYE PROTECTION :

Chemical splash goggles (ANSI Z87.1 or approved equivalent).

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SKIN PROTECTION :

Where skin contact can occur, wear impervious gloves.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid
Appearance/Color : Light Beige
Odor : Mild
Solubility (in Water) : Dispersible in water
pH Value : 5
Boiling Range/Point : 210 F
Evaporation Rate : Slower than n-Butyl Acetate

% Volatile : 58%
Specific Gravity : 1.17
VOC : 0.029 g/l

SECTION 10 – STABILITY AND REACTIVITY

Stability : This product is stable.
Hazardous Polymerization : Hazardous polymerization will not occur.

CONDITIONS TO AVOID:

None

INCOMPATIBILITY :

Strong acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS :

Oxides of carbon may be released during combustion.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute and chronic health effects are not expected as long as good industrial hygiene and safety precautions are followed.

SECTION 12 – ECOLOGICAL INFORMATION

This formulation has not been tested for environmental effects.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL :

Disposal of this product must comply with all applicable federal, state and local regulations.

CONTAINER DISPOSAL :

Disposal of this container should comply with all applicable federal, state and local regulations.

SECTION 14 – TRANSPORT INFORMATION

UN Number : None
UN Pack Group : N/A
UN Class : Nonhaz
ICAO/IATA Class : Nonhazardous
IMDG Class : Nonhazardous
Shipping Name : Nonhazardous

Packaging may not be approved for shipping by air. Please contact Franklin International for further information.

SECTION 15 – OTHER INFORMATION

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DISCLAIMER

While the information and recommendations set forth herein are believed to be accurate as of the data hereof, Franklin International makes no warranty, express or implied, with respect thereto and disclaims all liability from reliance thereon.

TARGET COATINGS, Inc.
PO Box 1582
RUTHERFORD, NEW JERSEY 07070 USA
800-752-9922
www.targetcoatings.com

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SECTION I PRODUCT IDENTIFICATION

Product Trade Name:	EM2000wvx WB-ALKYD VARNISH (EM2100, EM2200, EM2300, EM2400)
Chemical Name:	Compound, Coating
Manufacturer:	Target Coatings, Inc.
Effective Date:	November 1, 2014..Revision 1

SECTION II PHYSICAL DATA

Boiling Point:	212 F
Freezing Point:	30F
Weight Per Gallon:	8.60 lbs./ Gal.
Vapor Density:	Heavier then Air.
Evaporation Rate:	Slower then N-Butyl Acetate
Solubility in Water:	Infinitely miscible
pH:	8.0-8.5
Appearance and Odor:	Clear Liquid, Acrylic Odor
VOC Content (Actual):	21 Grams Per Litre / - water

SECTION III COMPOSITION INFORMATION

INGREDIENT	Approx. Wt%	SARA-313	CAS#
Hybrid Alkyd Resin Dispersion	70.0 max.	N/A	Proprietary
Propylene Glycol Monomethyl Ether*	4.0 max.	N/A	10217-34-2
Water	40.0 min.	N/A	7732-18-5

SECTION IV HAZARDOUS INGREDIENTS

INGREDIENT	Approx. Wt%	TLV	PEL(TWA)	STEL	CAS#
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None Of The Ingredients In This Product Meet The Definition Of "Hazardous Chemical" Given In The OSHA Hazard Communication Regulation 29CFR 1910.120 (C)

SECTION V TOXICOLOGICAL PROPERTIES

LD50:	Not determined
Threshold Limit Value:	No limit determined
Effects of Acute Exposure:	
Ingestion:	Intense mucous membrane irritation
Inhalation:	Prolonged exposure may produce headaches, and mucous membrane irritation.
Skin Contact:	Direct contact will cause irritation
Eye Contact:	Direct contact will cause extensive irritation
Effects of Chronic Exposure:	None determined

SECTION VI PREVENTIVE MEASURES

INDUSTRIAL HYGIENE IN THE WORKPLACE

RESPIRATORY PROTECTION: None required in well ventilated areas. An approved organic-vapor full-face respirator is advised for poor ventilation or spray applications.

VENTILATION: LOCAL EXHAUST- None required
MECHANICAL(GENERAL)- Provide adequate ventilation.

PROTECTIVE GLOVES: Wear rubber gloves.

EYE PROTECTION: Wear approved safety glasses with side shields.

OTHER PROTECTIVE EQUIPMENT: Wear protective work clothes.

STORAGE AND HANDLING PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: store at 40F-90F. this product is safe for consumer resale. Keep from freezing. Keep away from Fire and Heat (Any ignition source). Keep containers closed when not in use. Provide adequate ventilation.

KEEP OUT OF REACH OF CHILDRENE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Halt spill at source and contain or dike spill with inert absorbent material. Transfer liquid to containers for recovery or disposal. Shovel absorbent into drums for disposal in accordance with local, state, and federal regulations.

RECOMMENDED WASTE DISPOSAL METHODS: Material should not be flushed into sewer system. If this material becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor listed in Subpart D. After the material has been collected, dispose of in accordance with regulations applicable to non-hazardous liquid wastes.

SECTION VII FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES

INGESTION: Induce vomiting. Administer large amounts of milk and call a physician.
INHALATION: Remove to fresh air and consult with a physician if symptoms persist.
SKIN CONTACT: Promptly wash area with soap and water, and rinse thoroughly. Remove contaminated clothing.
EYE CONTACT: Promptly flush eyes with large amounts of fresh water for at least 15 minutes. Contact a physician immediately.

SECTION VIII REGULATORY INFORMATION

SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III)

SECTION 302- EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355): This product does not contain materials listed in Appendix A and B as an Extremely Hazardous Substance.

SECTION 311/312- MATERIAL SAFETY DATA SHEET REQUIREMENTS (40 CFR 370): Materials listed in 29 CFR 1910, Subpart Z is identified in Section IV. None are known or suspected carcinogens listed by the National Toxicology Program, International Agency of Research on Cancer, or OSHA.

SECTION 313- LIST OF TOXIC CHEMICALS (40 CFR 372): Listed materials contained in this product are identified in Sections II or IV of this MSDS.

TOXIC SUBSTANCES CONTROL ACT (TSCA): Not available

CLEAN AIR ACT AMENDMENT OF 1990: This product does not contain, and has not contacted during manufacture, any Ozone depleting Substances.

CALIFORNIA PROPOSITION 65: WARNING: This product contains chemical(s) known to the State of California to cause birth defects or other reproductive harm:

NONE

SECTION IX FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Greater than 200 F

AUTOIGNITION TEMPERATURE: N/A

EXTINGUISHING MEDIA: Water mist, Foam, CO2, dry chemical.

FLAMMABLE LIMITS: LOWER: Not Applicable

UPPER: Not Applicable

SPECIAL FIREFIGHTING PROCEDURES: Toxic gasses may be released. Use self-contained breathing apparatus.

UNUSUAL FIRE/EXPLOSIVE HAZARDOUS: None.

SECTION X HAZARD RATING INFORMATION

HMIS HAZARD RATING:

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

TOXICITY= 1
FIRE= 0
REACTIVITY= 0
SPECIAL= G

SECTION XI REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Temperatures of 212F or over will cause boiling of water.

INCOMPATIBILITY: Treat as water.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition on burning may produce toxic gasses.

SECTION XII USER'S RESPONSIBILITY

Target Coatings, Inc. cannot anticipate all conditions of handling and use of this product. Therefore, **Target Coatings, Inc.** accepts no responsibility for results obtained by application of this information, or safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. **Target Coatings, Inc.** will accept no liability for damages or loss incurred from the improper handling and use of this product.

SECTION XIII SPECIAL PRECAUTIONS

PRECAUTION: READ MSDS BEFORE USE

SECTION XIV PREPARATION INFORMATION

This Material Safety Data Sheet was prepared by:

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