

## WRU-20

REVISION DATE: 4/08/2018

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## 1. CHEMICAL PRODUCTION AND COMPANY IDENTIFICATION

**Product Name:** WRU-20  
**Product ID:** WRU20 (Water Based)  
**Chemical Family:** RESIN SOLUTION  
**Synonym:** WRU SERIES  
**Common Chemical Name:** PAINT

**Supplier:** Chroma Craft, LLC  
 102 Railroad Street  
 Brooklet, GA 30415

For Chemical Emergency Call CHEMTREC (24 hours): 1-800-424-9300  
 Number for non-emergency questions concerning SDS: 912-842-2653

## 2. HAZARD(S) IDENTIFICATION

	<b>HEALTH</b>	<b>FIRE</b>	<b>REACTIVITY</b>	<b>SPECIAL</b>								
<b>HMIS:</b>	1	0	0	N/A								
<b>NFPA:</b>	1	0	0	N/A								
<b>LABEL REQUIREMENTS</b>				<table border="1"> <tr><td><b>HEALTH</b></td><td><b>1</b></td></tr> <tr><td><b>FIRE</b></td><td><b>0</b></td></tr> <tr><td><b>REACTIVITY</b></td><td><b>0</b></td></tr> <tr><td><b>PPE</b></td><td><b>B</b></td></tr> </table>	<b>HEALTH</b>	<b>1</b>	<b>FIRE</b>	<b>0</b>	<b>REACTIVITY</b>	<b>0</b>	<b>PPE</b>	<b>B</b>
<b>HEALTH</b>	<b>1</b>											
<b>FIRE</b>	<b>0</b>											
<b>REACTIVITY</b>	<b>0</b>											
<b>PPE</b>	<b>B</b>											
<b>Physical hazards</b>	Irritant		Category 1									
<b>Health Hazards</b>	Skin irritant Eye irritant		Category 1 Category 1									
<b>OSHA Specific Hazards</b>	Not applicable											
<b>Signal Words</b>	Danger											
<b>Hazard Statement(s)</b>	H315: Causes skin irritation H319: Causes serious eye irritation											
<b>Precautionary statement</b>												
<b>Prevention</b>	P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P264: Wash hands thoroughly after handling. P280: Wear eye protection/face protection. P280e: Wear protective gloves. P281: Use personal protective equipment as required.											
<b>Response</b>	P302+P352: If ON SKIN: Wash with plenty of soap and water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313: If exposed or concerned: Get medical advice/attention. P332+P313: If skin irritation occurs: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention. P362: Take off contaminated clothing and wash before re use.											
<b>Storage</b>	P405: Store locked up.											
<b>Disposal</b>	P501: Disposal of contents/container to be specified in accordance with regulations.											

This product is hazardous or contains components which are hazardous according to the OSHA Hazard Communication Standard.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>CHEMICAL NAME</b>	<b>CAS NUMBER</b>	<b>WT. % IS LESS THAN</b>	<b>TLV - TWA</b>	<b>PEL - TWA</b>
Methyl-2-pyrrolidone, 1-	872-50-4	<3%	10 ppm	25 ppm
Dipropylene Glycol nButyl Ether	29911-28-2	<7%	Not Listed	Not Listed
2-Propanol	67-63-0	<25%	200 ppm	400 ppm

### 4. FIRST-AID MEASURES

<b>EYE CONTACT</b>	Immediately rinse eyes with running water for 15 minutes. Get immediate medical attention if symptoms occur.
<b>SKIN CONTACT</b>	Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. Get immediate medical attention if symptoms occur.
<b>INHALATION</b>	Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention if symptoms persist.
<b>INGESTION</b>	If swallowed, DO NOT INDUCE VOMITING. Dilute with water or milk and get immediate medical attention. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.
<b>NOTES TO PHYSICIAN</b>	Treat symptomatically.
<b>AGGRAVATED MEDICAL CONDITIONS</b>	No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product.
<b>SPECIAL PRECAUTIONS</b>	Not applicable.

### 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Extinguish fires with water spray, apply alcohol-resistant foam or carbon dioxide by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires.
SPECIAL FIREFIGHTING PROCEDURES	Ammonia gas may be liberated at high temperatures. In case of incomplete combustion an increased formation of oxides of nitrogen (NOx) is to be expected. Incomplete combustion may form carbon monoxide. May generate ammonia gas. May generate toxic nitrogen oxide gases. No special precautions required.
EXTINGUISHING MEDIA TO AVOID	No information currently available.
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS	Use personal protective equipment. Wear self-contained breathing apparatus for firefighting if necessary.
HAZARDOUS DECOMBUSTION PRODUCTS	Burning can produce the following products: carbon monoxide and/or carbon dioxide. Carbon monoxide is highly toxic if inhaled. Carbon dioxide in sufficient concentrations can act as an asphyxiate.

### 6. ACCIDENTAL RELEASE MEASURES

<b>CONTAINMENT</b>	Construct a dike to prevent spreading.
<b>CLEAN-UP</b>	Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas.
<b>DISPOSAL</b>	Dispose of in accordance with local, state, and federal regulations.

## 7. SAFE HANDLING AND USE INFORMATION

<b>GENERAL HANDLING:</b>	Adhere to work practice rules established by government regulations. Avoid contact with eyes. Use personal protective equipment. When using, do not eat, drink or smoke.
<b>OTHER STORAGE AND HANDLING:</b>	Consult other sections of this SDS for information on reactivity and flammability.
<b>RESPIRATORY PROTECTION:</b>	NIOSH/OSHA approved respirator types suitable for materials in section 2 recommended. Approved chemical/mechanical filters recommended when ventilation is restricted.
<b>VENTILATION:</b>	Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable osha permissible exposure limit or ACGIH'S TLV limit.
<b>SKIN PROTECTION:</b>	Recommended for prolonged or repeated contact; rubber or neoprene.
<b>EYE PROTECTION:</b>	Chemical goggles with side shield or face shield recommended.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	Where contact is likely, chemical resistant gloves and safety goggles are recommended.

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

<b>GROUNDING:</b>	None required under normal conditions of use.
<b>OTHER PRECAUTIONS:</b>	Provide respiratory protection against mists generated during spray operations. Avoid prolonged contact with skin and breathing of vapors.

## 8. EXPOSURE CONTROLS

<b>RESPIRATORY PROTECTION:</b>	NIOSH/OSHA approved respirator types suitable for materials in section 2 recommended. Approved chemical/mechanical filters recommended when ventilation is restricted. Approved airline type respirators or hoods recommended in confined areas.
<b>VENTILATION:</b>	Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable osha permissible exposure limit or acgih's tlvlimit.
<b>SKIN PROTECTION:</b>	Recommended for prolonged or repeated contact; rubber or neoprene.
<b>EYE PROTECTION:</b>	Chemical goggles with side shield or face shield recommended.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	Where contact is likely, chemical resistant gloves and safety goggles are recommended.

## 9. PHYSICAL DATA

<b>COLOR</b>	Various	<b>FORM/APPEARANCE</b>	Opaque Liquid
<b>ODOR</b>	Mild, Sweet	<b>BOILING POINT</b>	212 °F
<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1)</b>	1.0-1.1	<b>pH</b>	7-8
<b>FREEZING POINT</b>	32°F	<b>DECOMP. TMP.</b>	NOT AVAILABLE
<b>VAPOR PRESSURE</b>	18 mmHg @ 70°F	<b>VAPOR DENSITY (AIR = 1)</b>	>1
<b>SOLUBILITY IN H<sub>2</sub>O</b>	100%	<b>VOLATILE BY VOL.</b>	70-80%
<b>VOLATILE BY WEIGHT</b>	70-80%	<b>VOCS, GRAMS/LTR</b>	<220
<b>VOCS, LBS/GAL</b>	<2	<b>AUTOIGNITION:</b>	740 °F
<b>FLASH POINT:</b>	~55 °F (TCC)	<b>FLAM. LIMITS (% in air)</b>	N/A

## 10. STABILITY AND REACTIVITY

<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Carbon Dioxide and Carbon Monoxide.
<b>CONDITIONS TO AVOID:</b>	No Data
<b>INCOMPATIBILITY:</b>	Organic acids, Sodium Hypochlorite, strong bases.
<b>HAZARDOUS POLYMERIZATION:</b>	Hazardous polymerization does not occur.
<b>STABILITY:</b>	This product is stable under normal conditions.
<b>CORROSIVE PROPERTIES:</b>	Product (prior to application) slowly corrodes copper, aluminum, zinc and galvanized surfaces.
<b>OXIDIZER PROPERTIES:</b>	Not an oxidizer.

## 11. TOXICOLOGICAL INFORMATION

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### TOXICOLOGY TEST DATA:

TEST	RESULT
Oral LD-50 (rat) (2-Propanol)	>5,000 mg/kg
Inhalation LC-50 (rat) (2-Propanol)	73 mg/l/4h
Dermal LD-50 (rabbit) (2-Propanol)	12,870 mg/kg

### EFFECTS OF OVEREXPOSURE:

<b>ACUTE OVEREXPOSURE EFFECTS</b>	Skin corrosion/irritation: Moderate skin irritation. Serious eye damage/eye irritation: Moderate eye irritation. Sensitization: No data available.				
<b>CHRONIC OVEREXPOSURE EFFECTS</b>	ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Red skin. Dry skin. Itching. Cracking of the skin. Skin rash/inflammation. Impaired memory.				
<b>CARCINOGENICITY</b>	IARC	NTP	ACGIH	OSHA	MEXICO
<b>None</b>					

ON  
CONTI  
EXPOS  
Red ski  
Crackin  
rash/inf  
memory

Legend:

ACGIH: (American Conference of Governmental Industrial Hygienists)

A1 - Known Human Carcinogen

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

## 12. ECOLOGICAL INFORMATION

<b>ECOTOXICITY</b>	Not Available
<b>ACUTE AQUATIC EFFECTS:</b>	(2-Propanol) Ecotoxicity in water LC50 Fish 2: 9640 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Pimephales promelas; Flowthrough system; Fresh water; Experimental value) EC50 Daphnia 2: 13299 mg/l (EC50; Other; 48 h; Daphnia magna) Threshold limit algae 1: >1000 mg/l (EC50; UBA; 72 h; Scenedesmus subspicatus)

## 13. DISPOSAL CONSIDERATIONS

Discharge, treatment or disposal may be subject to national, state or local laws. Incinerate. Since emptied containers retain product residue, follow label warnings even after container is emptied.

#### 14. TRANSPORTATION INFORMATION


<b>DOT (USA):</b>	CONSUMER COMMODITY
<b>POSSIBLE SHIPPING DESCRIPTION(S):</b>	FLAMMABLE LIQUIDS, N.O.S., 3, III, UN1993

#### 15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

<b>WHMIS (Canada) Status</b>	controlled
<b>WHMIS (Canada) Hazard Classification</b>	B/3
<b>SARA 311-312 Hazard Classification(s)</b>	Methyl-2-pyrrolidinone, 1-
<b>Carcinogenicity Classification</b> (components present at 0.1% or more)	None
<b>TSCA (US Toxic Substances Control Act)</b>	Listed
<b>DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act)</b>	Listed
<b>EINECS (European Inventory of Existing Commercial Chemical Substances)</b>	Listed
<b>AICS / NICNAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme)</b>	Listed
<b>MITI (Japanese Handbook of Existing and New Chemical Substances)</b>	Listed
<b>ECL (Korean Toxic Substances Control Act)</b>	Listed
<b>Philippines Inventory (PICCS)</b>	Listed
<b>Inventory of Existing Chemical Substances in China</b>	Listed
<b>CLEAN AIR ACT AMMENDMENTS (ODS)</b>	This product does not contain an ozone depleting substance (ODS), nor are any of our products manufactured with them.

#### -PROP 65 (CARCINOGEN)

 **WARNING:** This product can expose you to chemical(s) listed below which is/are known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information go to [www.p65pwarnings.ca.gov](http://www.p65pwarnings.ca.gov).

CHEMICAL NAME	CAS NUMBER
Methyl-2-pyrrolidinone, 1-	872-50-4

## 16. OTHER INFORMATION

**Revision number:** 0

**Prepared By:** Color Technologies Environmental Health & Safety Group

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the SDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is current. Copyright Color Technologies, Incorporated. License granted to make unlimited copies for internal use only. End of SDS.....