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 SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION  
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004 MGM 01  
 CHEMICAL PRODUCT IDENTIFICATION:  
 PRODUCT IDENTIFICATION. . . : WC-5625  
 PRODUCT CLASS . . . . . :  
 TRADE NAME. . . . . : MGM NEUTRAL WR URETHANE  
 PRODUCT USE . . . . . :  
  
 FORMULA IDENTIFICATION. . . : WC-5625  
 FORMULA VERSION NUMBER. . . : 2  
  
 PREPARED BY . . . . . : EHS Department  
 DATE OF ISSUE . . . . . : 11/20/2012  
 LAST REVISION DATE. . . . . : 12/22/2011  
  
 MSDS PREPARED FOR . . . . . : MGM INDUSTRIES, INC.  
 287 FREEHILL ROAD

HENDERSONVILLE TN 37075  
 CONTACT INDIVIDUAL. . . . . : Ryan Blankenship  
  
 MSDS LAST PREPARED. . . . . :

MANUFACTURER IDENTIFICATION :  
 NAME. . . . . : I.V.C. SOUTH, INC.  
 ADDRESS . . . . . : 875 PROGRESS CENTER AVENUE

LAWRENCEVILLE GA 30043

TELEPHONE . . . . . : 770-963-1200  
 EMERGENCY CONTACT . . . . . : CHEM-TEL  
 EMERGENCY TELEPHONE. . . . . : 1-800-255-3924  
 INTERNATIONAL EMERGENCY. . . . . : 00-1-813-248-0585

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 SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS  
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1  
 CAS# 111-76-2  
 ETHYLENE GLYCOL MONOBUTYL ETHER  
 VAPOR PRESSURE: .040 MMHG @ 68F LEL 1.10  
 EXPOSURE LIMIT:  
 ACGIH TLV/TWA: 25.00  
 ACGIH TLV/STEL: 75 PPM  
 OSHA PEL/TWA: 50  
 OSHA STEL: 75 PPM  
 LC50: INHALATION 700 PPM IN 7 HR (RAT)  
 LD50: SKIN 220 MG/KG (RABBIT) ORAL 470 MG/KG (RAT)  
 SARA STATUS: THIS MATERIAL IS A SARA 313 REPORTABLE

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2

CAS# 872-50-4  
N-METHYL-2-PYRROLIDONE

VAPOR PRESSURE: .290 MMHG @ 68F LEL 1.00

EXPOSURE LIMIT:

LC50: 5.6 MG/L INHALATION RAT  
LD50: >400 MG/KG DERMAL RABBIT  
SARA STATUS: THIS MATERIAL IS A SARA 313 REPORTABLE

3

CAS# 107-98-2  
PROPYLENE GLYCOL MONOMETHYL ETHER

EXPOSURE LIMIT:

ACGIH TLV/TWA: 100

4

CAS# 34590-94-8  
PROPANOL-2-METHOXYMETHYLETHOXY

VAPOR PRESSURE: .410 MMHG @ 68F LEL 1.10

EXPOSURE LIMIT:

ACGIH TLV/TWA: NOT ESTABLISHED  
OSHA PEL/TWA: NOT ESTABLISHED

5

CAS# 64742-95-6  
AROMATIC PETROLEUM DISTILLATES

EXPOSURE LIMIT:

ACGIH TLV/TWA: NOT ESTABLISHED  
ACGIH TLV/STEL: NOT ESTABLISHED

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This product is not considered a carcinogen under OSHA regulations  
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SECTION 3 - HAZARDS IDENTIFICATION

HMIS Information Health - 1 Flammability - 0  
Reactivity - 0 Personal Protective Equipment - X

HAZARD INDEX: 4= Severe 3= Serious 2= Moderate 1= Slight 0= Minimal  
\*= Chronic health Hazard

HMIS ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe

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handling of this material, all the information contained in this MSDS must be considered.

SECTION 4 - FIRST AID MEASURES

Remove contaminated clothing immediatly and do not wear it until it has been properly laundered.

EYE CONTACT: Flush with luke warm water for 15 minutes. Seek Medical attention.

SKIN CONTACT: Flush with copious amounts of luke warm water. Remove contaminated clothing promptly. Seek medical attention.

INHALATION: Remove exposed individual to fresh air. Restore breathing if required. Seek medical attention.

INGESTION: Rinse mouth immediatly. Give exposed individual 6 to 8 ounces of liquid.  
( NEVER GIVE ANYTHING BY MOUTH TO AN UNCONCIOUS PERSON )  
Do NOT induce vomiting unless advised by a physician.  
Seek medical attention immediatly.

MEDICAL EXAMINATIONS:  
Comprehensive preplacement and biennial medical examinations to be directed toward, but not limited to the liver, kidney, gastrointestinal disorders, skin irritation, and the central nervous system, may be considered.

SECTION 5 - FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES OF THE CHEMICAL:

Flammability Classification . . . . .	:		
Flashpoint (F). . . . .	:	150.0	
Explosion Level . . . . .	:	Low	- 1.0
		High	- 14.0
Flammability Limits . . . . .	:	Lower	- -N/A
		Higher	- -N/A

Auto-Ignition Temperature. . . . . : -N/A

EXTINGUISHING MEDIA:  
USE CO2, DRY CHEMICAL, FOAM, or ALCOHOL FOAM

FIRE-FIGHTING PROCEDURES AND EQUIPMENTS:

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Water spray may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. Water may be ineffective in extinguishing a paint fire, therefore, use caution not to spread flames with stream of water. If water is used, fog nozzles are preferable.

Clear fire area of unprotected personnel. Do not enter confined space without helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH-approved self-contained breathing apparatus.

OTHER:

Liquid and vapor states of this substance are dangerous fire hazards and moderate explosion hazards when exposed to heat or flames.

Thermal decomposition in the presence of air may yield carbon monoxide, carbon dioxide and/or various hydrocarbons.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

CLEAN-UP:

Stay upwind and away from spill or leak 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 cleanup. Cover with inert material to reduce fume. Keep out of drains, sewer, or waterways. If large spill call spill response teams. Contact fire authorities. Notify local health and pollution agencies.

Do NOT flush to sewer, watershed, or waterway.

CONTAINMENT:

SECTION 7 - HANDLING AND STORAGE

HANDLING:

Keep product containers cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. Do NOT smoke in storage areas.

Sprinkler fire protection is desirable in areas of storage, handling, and use.

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SPECIAL COMMENTS:

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

EYE PROTECTION:

Avoid contact with eyes. Wear goggles if there is a likelihood of contact with the eyes.

Eyewash stations and safety showers should be readily available in use and handling area.

RESPIRATORY PROTECTION:

Use ventilation as required to control vapor, dust, and fumes. Avoid prolonged or repeated breathing of vapors. If exposure exceeds TLV, use a NIOSH approved respirator to prevent overexposure.

SKIN PROTECTION:

Protective gloves are required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, buna N, or nitrile. An apron should be worn to avoid skin contact.

Wash hands thoroughly before eating and using washroom.

SPECIAL COMMENTS:

Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this sheet must be observed.

NOTICE - Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance . . . . .	: OPAQUE BROWN
Odor . . . . .	: SLIGHT AMMONIA
Odor Threshold . . . . .	: -N/A
Physical State . . . . .	: LIQUID
pH . . . . .	: -N/A

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Vapor Pressure . . . . .	:	.41	
Vapor Density . . . . .	:	5.14	
Boiling Range . . . . .	:	Lower - 331.0	
		Higher - 363.0	
Freezing Point . . . . .	:	-N/A	
Melting Point . . . . .	:	-N/A	
Water Solubility . . . . .	:	MISCIBLE	
VOC (lbs/gal) . . . . .	:	2.764	
VOC (lbs/gal) Actual as Supplied . . . . .	:	1.105	
VOC (g/L) . . . . .	:	331.21	
Evaporation Rate . . . . .	:	1.000	(n-Butyl Acetate = 1)
Volatile by Weight . . . . .	:	71.8355	
Volatile by Volume . . . . .	:	74.1818	
Weight per Gallon . . . . .	:	8.5006	LB/GL
Coeff of Water-Oil Distribution . . . . .	:	-N/A	
Mechanical Impact Explosion . . . . .	:	-N/A	
Static Electricity Explosion . . . . .	:	-N/A	

SECTION 10 - STABILITY AND REACTIVITY

INCOMPATIBILITIES:

This raw material is incompatible with strong oxidizing agents, strong mineral acids, alkali metals, and halogens.

STABILITY/DECOMPOSITION:

Stable; hazardous decomposition not expected; thermal decomposition may produce toxic oxides of carbon and/or nitrogen.

CONDITIONS TO AVOID:

Avoid exposure to sparks, open flame, hot surfaces, and all sources of heat and ignition.

POLYMERIZATION:

Hazardous polymerization will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

EYE EFFECTS:

Eye contact may result in loss of vision with severe burns.

SKIN EFFECTS:

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This product may casue skin irritation and drying/defatting or cracking, and dermatitis on repeated or prolonged exposure to skin.

May cause skin burns.

ORAL EFFECTS:

Do not induce vomiting. Rinse mouth and drink plenty of water. never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

INHALATION EFFECTS:

This product may cause significant irritation to the lungs, upper respiratory tract and nose.

This product is irritating to the upper respiratory tract.

OTHER:

This product is irritating to the mucous membranes.

Vapors of this product may cause irritation of the eyes, nose, throat, upper respiratory tract, mucous membranes, and skin.

Pulmonary edema may develop with inhalation of high concentrations of this material.

Chronic overexposure to this product may cause kidney and liver injury.

Prolonged exposure could cause CNS depression.

Excessive exposure can cause severe and permanent damage to the lungs.

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION/ENVIRONMENTAL FATE:

No definitive information available on environmental impact if product is released to the environment.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of product in accordance with applicable local, county, state, and

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federal regulations.

SECTION 14 - REGULATORY INFORMATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

ETHYLENE GLYCOL MONOBUTYL ETHER  
CAS# 111-76-2 PCT BY WT: 1.1130

N-METHYL-2-PYRROLIDONE  
CAS# 872-50-4 PCT BY WT: 4.2100

FEDERAL REGULATIONS:

The OSHA Hazard Communication Standard 1910.1200 and the Workplace Hazardous Materials Information System (WHMIS) require that the information contained on these sheets be made available to your workers. Instruct your workers to handle this product properly.

TSCA (Toxic Substance Control Act): All components of this product are listed on the TSCA Inventory.

CA PROPOSITION 65:

WARNING: This product contains a material known in the state of California to cause cancer.

SECTION 15 - OTHER INFORMATION

THE INFORMATION CONTAINED HEREIN IS INFORMATION RECEIVED FROM OUR RAW MATERIAL SUPPLIERS AND OTHER SOURCES AND IS BELIEVED TO BE RELIABLE. THIS DATA IS NOT TO BE TAKEN AS A WARRANTY OR REPRESENTATION FOR WHICH I.V.C. SOUTH, INC. ASSUMES LEGAL RESPONSIBILITY.