

M A T E R I A L S A F E T Y D A T A S H E E T

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PRODUCT CODE: 43.61

PRODUCT NAME: 43.61 BROWN MHGNY PENETRATING STAIN

HMIS CODES: H F R P

CUSTOMER KEY:

Oil

2 3 0 X

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: CHEMICAL COATINGS, INC. (Golden Star Finishing)
 ADDRESS : 3194 Hickory Blvd.
 Hudson, NC 28638

EMERGENCY PHONE : 800-424-9300

INFORMATION PHONE : 828-728-8266

NAME OF PREPARER : Ronnie G. Holman

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS VOL %	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WT %
* TOLUENE, AROMATIC HYDROCARBON OSHA PEL: 100ppm, ACGIH TLV: 50ppm	108-88-3	47 68 deg F	79.3 81.4
* XYLENE, AROMATIC HYDROCARBON OSHA PEL: 100ppm, ACGIH TLV: 100ppm	1330-20-7	14 100 dg F	3.4 3.5
MINERAL SPIRITS, VARSOL OSHA PEL: 100ppm, ACGIH TLV: 100ppm	64742-88-72	68 0	0
* ETHYL BENZENE OSHA PEL: 100ppm, ACGIH TLV: 100ppm	100-41-4	10 79 deg F	0.6 0.6
* TRIMETHYLBENZENE OSHA PEL: 25 ppm, ACGIH TLV: 25 ppm	25551-13-71	56.5F	0.0 0.0

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 230 deg F - 300 deg F WEIGHT PER GAL (H2O=8.33): 7.44 lb/gl
 VAPOR DENSITY: Heavier than air SPECIFIC GRAVITY: 0.89
 VOLATILE WEIGHT: 85.83% VOLATILE VOLUME: 88.26%
 COATING VOC: 6.38 lb/gl = 765 g/l MATERIAL VOC: 6.38 lb/gl = 765 g/l
 SOLUBILITY IN WATER: NONE EVAPORATION RATE: Slower than ether
 APPEARANCE AND ODOR: THIN, COLORED LIQUID WITH OILY ODOR.

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 45 deg F METHOD USED: TCC
 FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1 UPPER: 12.3

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

RESPIRATORY EQUIPMENT SHOULD BE WORN TO PREVENT INHALATION OF HAZARDOUS VAPORS. WATER SHOULD BE USED ONLY AS A FOG TO KEEP NEARBY CONTAINERS COOL.

UNUSUAL FIRE AND EXPLOSION HAZARDS

HANDLE AS A FLAMMABLE LIQUID.VAPORS FROM EMPTY CONTAINERS AND MANUFACTURING OPERATIONS FORM AN EXPLOSIVE MIXTURE IN AIR WHICH CAN BE IGNITED BY MANY SOURCES SUCH AS PILOT LIGHTS,ELECTRIC MOTORS,SWITCHES,AND OTHERS.

SPONTANEOUS COMBUSTION HAZARDS

***RAGS OR OTHER MATERIALS CONTAINING THIS PRODUCT MAY OXIDIZE AND IGNITE.ALL CONTAMINATED MATERIALS SHOULD BE ISOLATED IMMEDIATELY TO AVOID SPONTANEOUS COMBUSTION. IRON OXIDE PIGMENTS MAY ACCELERATE THIS PROCESS.

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SECTION V - REACTIVITY DATA
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STABILITY: STABLE

CONDITIONS TO AVOID

EXCESSIVE HEAT,POOR VENTILATION,CORROSIVE CONDITIONS,EXCESSIVE AGING.

INCOMPATIBILITY (MATERIALS TO AVOID)

ALKALINE MATERIALS,STRONG ACIDS AND OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CARBON MONOXIDE,CARBON DIOXIDE AND OTHERS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

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SECTION VI - HEALTH HAZARD DATA
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INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

DIZZINESS,BREATHING DIFFICULTY,HEADACHES AND NAUSEA.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN:DRY SKIN,CRACKS,IRRITATION AND DERMATITIS. EYES:SEVERE IRRITATION,TEARING,REDNESS AND BLURRED VISION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

IRRITATION AND DERMATITIS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

MAY CAUSE GASTROINTESTINAL IRRITATION,VOMITING,NAUSEA,AND DIARRHEA.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE/INHALATION:DIZZINESS,BREATHING DIFFICULTY,HEADACHES AND NAUSEA.EYE

CONTACT:SEVERE IRRITATION,TEARING,REDNESS AND BLURRED VISION.SKIN

CONTACT:PROLONGED CONTACT CAUSES DRY SKIN,CRACKS,IRRITATION AND

DERMITITIS.INGESTION:MAY CAUSE GASTROINTESTINAL IRRITATION,VOMITING,NAUSEA AND DIARRHEA. CHRONIC:NO INFORMATION

CARCINOGENICITY: None known.

NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

ANESTHESIA,RESPIRATORY TRACT IRRITATION,DERMITITIS,NAUSEA AND DIARRHEA.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION:MOVE PERSON TO FRESH AIR,IF BREATHING SLOWS START ARTIFICIAL RESPIRAITION AND GET MEDICAL INFORMATION.FOR EYE CONTACT,FLUSH FOR 15 MINUTES WITH WATER.FOR SKIN CONTACT,WASH THOROUGHLY WITH SOAP AND WARM WATER.FOR INGESTION,DO NOT INDUCE VOMITING AND CONTACT A PHYSICIAN IMMEDIATELY.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
ELIMINATE IGNITION SOURCES,PREVENT RUNOFF INTO BODIES OF WATER(SEWERS,LAKES),REMOVE WITH AN INERT ABSORBENT AND NOTIFY THE PROPER AUTHORITIES.

WASTE DISPOSAL METHOD

COLLECT SPILLED MATERIAL AND ABSORBENT IN METAL CONTAINERS AND ADD ENOUGH WATER TO COVER.CONSULT LOCAL,STATE,AND FEDERAL REGULATIONS BEFORE DISPOSING OF AT AN APPROVED INCINERATION FACILITY ONLY.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

USE NON-SPARKING TOOLS WHEN HANDLING THIS MATERIAL.AVOID CONTACT WITH HOT SURFACES OR EXTREME HEAT.USE AND KEEP IN A COOL,WELL VENTILATED AREA.KEEP

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CONTAINERS CLOSED WHEN NOT USING.

OTHER PRECAUTIONS

SMOKING IN AREAS WHERE THIS MATERIAL IS USED SHOULD BE STRICTLY PROHIBITED.PLASTIC UTENSILS SHOULD NOT BE USED WITH THIS MATERIAL TO PREVENT STATIC ELECTRICITY.

**** RAGS OR OTHER MATERIALS CONTAINING THIS PRODUCT MAY OXIDIZE AND IGNITE.ALL CONTAMINATED MATERIALS SHOULD BE IMMERSSED IN WATER IMMEDIATELY TO AVOID SPONTANEOUS COMBUSTION. IRON OXIDE PIGMENTS MAY ACCELERATE THIS PROCESS.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

USE AN APPROVED FRESH AIR SUPPLYING RESPIRATOR IN AREAS WHERE THE VAPOR CONCENTRATIONS RISE ABOVE THE GIVEN TLV's.

VENTILATION

AN EXPLOSION PROOF MECHANICAL EXHAUST SYSTEM IS SUGGESTED TO PROVIDE ADEQUATE VENTILATION.

PROTECTIVE GLOVES

USE IMPERMEABLE GLOVES FOR PROLONGED CONTACT.

EYE PROTECTION

USE CHEMICAL SAFETY GLASSES,GOGGLES OR FACESHIELDS FOR EYE PROTECTION.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

USE IMPERMEABLE APRONS AND PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.

WORK/HYGIENIC PRACTICES

EYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED.

===== SECTION IX - DISCLAIMER =====

This information is accurate to the best knowledge of Chemical Coatings, Inc., but it is furnished without any expressed or implied warranties.