

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: L3439

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - L3439

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BARK-MARK RED WATER-REDUCIBLE

6/16/2008

PRODUCT NAME: BARK-MARK RED WATER-REDUCIBLE

PRODUCT CODE: N-6755

HMTS CODES:

H 2
F 2
O 2
P G

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: NCP COATINGS, INC.

ADDRESS:
P.O. BOX 307
225 FORT STREET
NILES, MI 49120

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REVISION DATE: 10/17/05

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NAME OF PREPARER: NCP TECHNICAL STAFF

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

Table with 4 columns: REPORTABLE COMPONENTS, CAS NUMBER, VAPOR PRESSURE (MMHg @ TEMP), WEIGHT PERCENT. Rows include METHYL ALCOHOL, MINERAL SPIRITS, and LIGHT AROMATIC PETROLEUM DISTILLATES.

* INDICATES TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372.

WARNING: DETECTABLE AMOUNTS OF A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM MAY BE PRESENT IN THIS PRODUCT.

CARCINOGENICITY:
NTP CARCINOGEN: NO
IARC MONOGRAPHS: NO
OSHA REGULATED: NO

ALL CHEMICALS IN THIS PRODUCT ARE LISTED, OR ARE EXEMPT FROM LISTING ON THE TSCA INVENTORY.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 149F - 318F

SPECIFIC GRAVITY (H2O=1): .94

VAPOR DENSITY: HEAVIER THAN AIR.

EVAPORATION RATE: SLOWER THAN ETHER

COATING V.O.C.: 5.65

SOLUBILITY IN WATER: SLIGHT.

APPEARANCE AND ODOR: LIQUID AND ODOR OF SOLVENTS.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 100F (38C)
METHOD USED: SETAFLASH

FLAMMABLE LIMITS IN AIR BY VOLUME:
LOWER: 1.0
UPPER: 36

EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, OR CO2.

SPECIAL FIREFIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS, WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE, AND FULL PROTECTIVE CLOTHING. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT AN INCREASE IN PRESSURE AND A POSSIBLE AUTOIGNITION OR EXPLOSION OF THE CONTAINER CONTENTS WHEN EXPOSED TO EXTREME HEAT.

UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT, AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS.

SECTION V - REACTIVITY DATA

STABILITY: THIS MATERIAL HAS BEEN FOUND TO BE STABLE UNDER REASONABLE CONDITIONS OF STORAGE AND USE.

CONDITIONS TO AVOID: KEEP AWAY FROM HEAT, FLAME AND OTHER POTENTIAL IGNITION SOURCES.

INCOMPATIBILITY (MATERIALS TO AVOID): ALKALINE MATERIALS, STRONG ACIDS AND OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: BY FIRE: CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: HIGH CONCENTRATIONS MAY LEAD TO CENTRAL NERVOUS SYSTEM EFFECTS (DROWSINESS, NAUSEA, HEADACHES, AND LOSS OF CONSCIOUSNESS AND EVEN DEATH). PROLONGED OR REPEATED EXPOSURE MAY CAUSE LIVER AND KIDNEY DAMAGE.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

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

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY BE ABSORBED THROUGH THE SKIN. PROLONGED OR REPEATED CONTACT CAN RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN DERMATITIS. PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: SWALLOWING SMALL AMOUNTS OF THIS MATERIAL DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS. SWALLOWING LARGE AMOUNTS MAY BE HARMFUL.

HEALTH HAZARDS (ACUTE AND CHRONIC): KEEP CONTAINER CLOSED AND UPRIGHT WHEN NOT IN USE.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: SKIN, RESPIRATORY SYSTEM, CENTRAL NERVOUS SYSTEM

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: CHECK FOR AND REMOVE CONTACT LENSES. FLUSH EYES WITH COOL, CLEAN, LOW PRESSURE WATER FOR AT LEAST 15 MINUTES WHILE OCCASIONALLY LIFTING AND LOWERING EYELIDS. SEEK MEDICAL ATTENTION IF EXCESSIVE TEARING, IRRITATION OR PAIN PERSISTS.

SKIN CONTACT: REMOVE CONTAMINATED SHOES AND CLOTHING. FLUSH AFFECTED AREA WITH LARGE AMOUNTS OF WATER. IF SKIN SURFACE IS DAMAGED, APPLY A CLEAN DRESSING AND SEEK MEDICAL ATTENTION. SEEK MEDICAL ATTENTION IF TISSUE APPEARS DAMAGED OR PAIN OR IRRITATION PERSISTS.

INHALATION: MOVE VICTIM TO FRESH AIR. IF VICTIM IS NOT BREATHING, ADMINISTER ARTIFICIAL RESPIRATION. SEEK MEDICAL ATTENTION IMMEDIATELY.

INGESTION: DO NOT INDUCE VOMITING. IF SPONTANEOUS VOMITING IS ABOUT TO OCCUR, PLACE VICTIM'S HEAD BELOW KNEES. IF VICTIM IS DROWSY OR UNCONSCIOUS, PLACE ON THE LEFT SIDE WITH HEAD DOWN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION IMMEDIATELY.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ELIMINATE ALL SOURCES OF IGNITION. PROVIDE GOOD VENTILATION AND MINIMIZE THE BREATHING OF VAPORS AND AVOID SKIN CONTACT. DIKE SPILL AREA AND ABSORB THE SPILLED LIQUID WITH EARTH, SAWDUST OR A COMMERCIALY AVAILABLE ABSORBENT. SHOVEL SPENT ABSORBENT INTO RECOVERY OR SALVAGE DRUMS FOR APPROPRIATE DISPOSAL.

WASTE DISPOSAL METHOD: DISPOSE MATERIAL IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: AVOID STORAGE IN HIGH TEMPERATURE AREAS OR NEAR FIRE OR OPEN FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE. AVOID ROUGH HANDLING.

OTHER PRECAUTIONS: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY. DO NOT WELD OR FLAME CUT ON EMPTY CONTAINERS. SHOCK FROM DROPPING MAY RUPTURE CONTAINER.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: WEAR AN APPROPRIATE (TYPE TC-23C-49) PROPERLY FITTED HALF-MASK OR A FULL FACEPIECE NIOSH APPROVED CARTRIDGE RESPIRATOR DURING AND AFTER COATING APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW THE PERMISSABLE LIMITS. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR USE.

VENTILATION: SUFFICIENT VENTILATION IN VOLUME AND PATTERN SHOULD BE PROVIDED TO KEEP THE AIR CONCENTRATION BELOW CURRENT APPLICABLE OSHA PEL'S OR ACGIH TLV'S. REMOVE DECOMPOSITION PRODUCTS FORMED DURING WELDING OR FLAME CUTTING OF SURFACES COATED WITH THIS PRODUCT. FOR BAKING FINISHES, VENT VAPORS EMITTED

DURING THE CURING PROCESS.

PROTECTIVE GLOVES:
WEAR CHEMICAL RESISTANT (NITRILE OR VITON) GLOVES TO PREVENT SKIN CONTACT.

EYE PROTECTION:
USE CHEMICAL GOGGLES, SAFETY GLASSES, OR A FACE SHIELD.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
USE IMPERMEABLE APRONS AND PROTECTIVE CLOTHING WHENEVER POSSIBLE TO PREVENT SKIN CONTACT. THE USE OF HEAD CAPS IS STRONGLY RECOMMENDED.

WORK/HYGIENIC PRACTICES:
WASH HANDS BEFORE EATING, SMOKING, OR USING RESTROOM.

SECTION IX - DISCLAIMER

THE FOREGOING DATA HAS BEEN COMPILED FROM SOURCES WHICH THE COMPANY, IN GOOD FAITH, BELIEVES TO BE DEPENDABLE AND IS ACCURATE AND RELIABLE TO THE BEST OF OUR KNOWLEDGE AND BELIEF. HOWEVER, THE COMPANY CANNOT MAKE ANY WARRANTY OR REPRESENTATION RESPECTING THE ACCURACY OR COMPLETENESS OF THE DATA AND ASSUMES NO RESPONSIBILITY FOR ANY LIABILITY OR DAMAGES RELATING THERETO OR FOR ADVISING YOU REGARDING THE PROTECTION OF YOUR EMPLOYEES, CUSTOMERS, OR OTHERS. USER SHOULD CONSULT OSHA AND OTHER APPLICABLE SAFETY LAWS AND REGULATIONS BEFORE USE.