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

PRODUCT NAME: MorThane Orange HS 2K **HMIS CODES: H F R P**
PRODUCT CODE: N-8912A **2 3 0 G**

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: NCP Coatings, Inc.
ADDRESS : P.O. Box 307
225 Fort Street
Niles, MI 49120
EMERGENCY PHONE: 1-800-424-9300
REVISION DATE: 01/07/10
DATE PRINTED: 2/2/2010
INFORMATION PHONE: 1-269-683-3377 **NAME OF PREPARER : NCP Technical Staff**

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg	@ TEMP	WEIGHT PERCENT
Methyl-n-Amyl Ketone OSHA PEL 100 PPM TWA ACGIH TLV 50 PPM TWA	110-43-0	2	68F	20-25%
1-Methoxy-2-Propanol Acetate OSHA PEL NE ACGIH TLV NE	108-65-6	3.8	77F	10-15%
t-Butyl Acetate OSHA PEL: 200 PPM TWA ACGIH TLV: 200 PPM TWA	540-88-5	30.8	72F	1-5%
Ferric Oxide OSHA PEL 10 mg/m3 TWA ACGIH TLV 5 mg/m3 TWA	1309-37-1	NE	NE	1-5%
Titanium Dioxide OSHA PEL 10 mg/m3 TWA Total Dust ACGIH TLV 10 mg/m3 Total Dust	13463-67-7	NE	NE	1.91

*** 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: Yes
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: 205F - 306F **SPECIFIC GRAVITY (H2O=1): 1.26**

VAPOR DENSITY: Heavier than air. **EVAPORATION RATE: SLOWER THAN ETHER**
COATING V.O.C.: 3.69
SOLUBILITY IN WATER: Slight.
APPEARANCE AND ODOR: Liquid and odor of solvents.

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

Flash Point : 81F (27C) **METHOD USED: SETAFLASH**

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.1 **UPPER: 10**

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 commercially 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.