

**PRODUCT NAME: Rust-X VCI CREPE PAPER**  
**MATERIAL SAFETY DATA SHEET MSDS NO. 1004**

Review Date: 5/2/2006

**1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME: RUST – X VCI Crepe PAPER FOR MULTIMETAL APPLICATION.**

**PROTECTS – SILVER, STEEL, COPPER, ALUMINIUM, CHROME, NICKEL OR ANY OTHER PLATING**

**COMPANY NAME: HI-TECH INTERNATIONAL**

**2.0 COMPOSITION/INFORMATION ON INGREDIENTS**

Natural Kraft paper base – 60gsm of virgin quality with no sulphur content and made from demineralized water

Creped to 20% extent for final weight of 87-90gsm

VCI Chemicals coated on both sides to an extent of 12-15 gsm

(See Section 8.0, Exposure Controls/Personal Protection” for exposure guidelines)

**3.0 HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** This information is provided to assist in the proper use of this product. This product has been determined to be an “article” in accordance with 28 CFR 1910.1200 and therefore does not require a Material Safety Data Sheet.

**POTENTIAL HEALTH EFFECTS:**

**EYE CONTACT:** No significant health hazards identified. Particles or fibers may cause slight discomfort similar to getting dust in eye.

**SKIN CONTACT:** No significant health hazards identified. Particles or fibers may cause slight discomfort similar to rubbing sand against the skin.

**INHALATION:** No significant irritation expected other than possible mechanical irritation.

**INGESTION:** No significant health hazards identified.

**HMIS CODE:** (Health: 0) (Flammability: 0) (Reactivity: 0)

**NFPA CODE:** (Health: 0) (Flammability: 0) (Reactivity: 0)

#### **4.0 FIRST AID MEASURES**

**EYE:** Flush eyes with plenty of water

**SKIN:** Wash exposed skin with soap and water

**INHALATION:** If adverse effects occur, remove to uncontaminated area. Get medical attention.

**INGESTION:** If a large amount is swallowed, get medical attention.

#### **5.0 FIRE FIGHTING MEASURES**

**FLASHPOINT:** Not applicable

**UEL:** Not determined.

**LEL:** Not determined.

**AUTOIGNITION TEMPERATURE:** Not determined.

**FLAMMIBILITY CLASSIFICATION:** None

**EXTINGUISHING MEDIA:** Agents approved for Class A hazards (e.g., foam, steam) or water fog.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None identified.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.

**PRECAUTIONS:** Keep away from sources of ignition (e.g., heat and open flames). Use with adequate ventilation.

**HAZARDOUS COMBUSTION:** Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

#### **6.0 ACCIDENTAL RELEASE MEASURES**

Not applicable.

#### **7.0 HANDLING AND STORAGE**

**HANDLING:** Use with adequate ventilation.

**STORAGE:** Store away from heat, ignition sources, and open flame in accordance with applicable regulations.

#### **8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EYE:** None required; however, use of eye protection is good industrial practice.

**SKIN:** None required; however, use of protective clothing/gloves is good industrial practice.

**INHALATION:** None required; however, use of adequate ventilation is good industrial practice.

**ENGINEERING CONTROLS:** Control airborne concentrations below the exposure guidelines.

**EXPOSURE GUIDELINES:**

Components CAS# Exposure Limits

Natural Kraft Paper

OSHA RESPIRABLE DUST: 15 mg/m<sup>3</sup> (particulate NOC)

ACGIH TLV-TWA: 10 mg/m<sup>3</sup> (total nuisance dust)

Polymeric components: No exposure limit established

Polyester filament No exposure limit established

**9.0 CHEMICAL AND PHYSICAL PROPERTIES**

**APPEARANCE AND ODOR:** Roll of white or colored kraft paper with tri-directional scrim laminated to it. Odorless.

**pH:** Neutral to slightly basic

**VAPOR PRESSURE:** Not determined

**VAPOR DENSITY:** Not determined

**BOILING POINT:** Not determined

**MELTING POINT:** 320°F (118°C)

**SOLUBILITY IN WATER:** Negligible, below 0.1%

**SPECIFIC GRAVITY (WATER = 1):** 0.90

**10.0 STABILITY AND REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Keep away from ignition sources (e.g., heat, sparks, and open flames).

**MATERIALS TO AVOID:** None identified.

**HAZARDOUS DECOMPOSITION:** Incomplete burning can produce carbon monoxide and/or carbon

dioxide and other harmful products.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**11.0 TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY DATA:**

**EYE IRRITATION:** Testing not conducted. See Other Toxicity Data.

**SKIN IRRITATION:** Testing not conducted. See Other Toxicity Data.

**DERMAL LDSO:** Testing not conducted. See Other Toxicity Data.

**ORAL LDSO:** Testing not conducted. See Other Toxicity Data.

**INHALATION LDSO:** Testing not conducted. See Other Toxicity Data.

**OTHER TOXICITY DATA:** Specific toxicity tests have not been conducted on this product.

Our hazard

evaluation is based on information of similar products, the ingredients, technical literature, and/or

professional experience. No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (ARC).

#### **12.0 ECOLOGICAL INFORMATION**

Ecological testing has not been conducted on this product.

#### **13.0 DISPOSAL INFORMATION**

Dispose of properly as normal refuse.

#### **14.0 TRANSPORTAION INFORMATION**

##### **U.S. DEPT OF TRANSPORTATION**

Shipping Name: Not regulated

##### **INTERNATIONAL INFORMATION**

Sea (IMO/IMDG)

Shipping Name: Not determined

Air (ICAO/IATA)

Shipping Name: Not determined

European Road/Rail (ADR/RID)

Shipping Name: Not determined

Canadian Transportation of Dangerous Goods

Shipping Name: Not determined

#### **15.0 REGULATORY INFORMATION**

##### **CERCLA SECTIONS 102A/103 HAZARDOUS SUBSTANCES (40 CFR PART 302.4):**

This product is

not reportable under 40 CFR Part 302.4.

##### **SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR PART 355):**

This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

##### **SARA TITLE III SECTION 311/312 HAZARDOUS CATERORIZATION (40 CFR PART 370):** This

product is not regulated under SARA Title III Section 311/312.

**SARA TITLE III SECTION 313 (40 CFR PART 372):** This product is not regulated under Section 313 of

SARA and 40 CFR Part 372.

**U.S. INVENTORY (TSCA):** Listed on Inventory.

**OSHA HAZARD COMMUNICATION STANDARD:** Unregulated article.

**EC INVENTORY (EINECS/ELINCS):** Not determined.

**JAPAN INVENTORY (MITI):** Not determined.

**AUSTRALIA INVENTORY (AICS):** Not determined.

**KOREA INVENTORY (ECL):** Not determined.

**CANADA INVENTORY (DSL):** Not determined.

**PHILLIPENE INVENTORY (PICCS):** Not determined.

#### **16.0 OTHER INFORMATION**

*This Material Safety Data Sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.*