

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CR40 GRAY RUST INHIBITIVE
PRODUCT CODE: CR40

HMIS CODES: H F R P
2 2 0 G

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

MANUFACTURER'S NAME: Adurel International Inc
ADDRESS: 820 Water St
Racine WI 53403

EMERGENCY PHONE : Emergency Phone: (PERS 800-633-8253 domestic 801-629-0667 International)

DATE PRINTED : 1/1/06

INFORMATION PHONE : 800-860-5834 **NAME OF PREPARER :** RB

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

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
Calcium Carbonate ACGIH TLV: 10 mg/M3	1317-65-3		35
Mineral Spirits/Solvent Naptha OSHA PEL: 500 ppm, ACGIH TLV: 100 ppm	8052-41-3	2 68 degF	10
Titanium Dioxide OSHA PEL; 10mg/M3 ACGIH TLV; 10mg/M3	13463-67-7		10
Diisopropylbisphenyls	69009-90-1	.01 77 degF	<1

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

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

BOILING RANGE: 334 deg F **SPECIFIC GRAVITY (H2O=1):** 1.38
VAPOR DENSITY: HEAVIER THAN AIR **EVAPORATION RATE:** SLOWER THAN ETHER
COATING V.O.C.: 2.62 lb/gal
SOLUBILITY IN WATER: NON-SOLUABLE
APPEARANCE AND ODOR: LIQUID, MILD SOLVENT ODOR

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

FLASH POINT: 105 deg F **METHOD USED:** TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1 **UPPER:** 7

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES

Water should be used to cool containers to prevent pressure build up, which could result in container rupture.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Vapor accumulations and spray mist may flash or explode if ignited. Water should be used to cool containers to prevent pressure build up, which could result in container rupture. Vapors are heavier than air and may travel along the ground to ignition sources at locations distant from material handling point.

===== **SECTION V - REACTIVITY DATA** =====

STABILITY: STABLE

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

May produce fumes when heated to decomposition. Fumes may contain carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will Not Occur

===== **SECTION VI - HEALTH HAZARD DATA** =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Prolonged or repeated exposure can cause moderate skin irritation, defatting and dermatitis. Eye contact will result in severe irritation, redness, tearing and blurred vision.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

N/A

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis, which can be fatal.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE: Vapors are irritating to eyes, nose and throat. If inhaled they can cause headache, breathing difficulties, loss of consciousness. Liquid is irritating to skin and eyes. If swallowed it will cause nausea and vomiting. Can be fatal if swallowed or taken into the lungs.

CHRONIC: Prolonged contact will cause drying and cracking of skin. Allergic responses may

develop. Potential for liver and kidney damage.

CARCINOGENICITY: N/A **NTP CARCINOGEN:** No **IARC MONOGRAPHS:** No
OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Any skin or respiratory condition.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush with large amounts of water for 15 minutes. Get medical attention!

SKIN: Wash with soap and water. Remove contaminated clothing. If irritation persists, get medical attention!

INHALATION: Remove to fresh air. Consult a physician.

INGESTION: Get immediate medical attention. Do not induce vomiting.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Evacuate all non-essential personnel. Remove all sources of ignition. Ventilate the area. Equip employees with protective equipment. Absorb spill with a non-flammable absorbent. Place in closeable containers using non-sparking tools.

WASTE DISPOSAL METHOD

Waste material must be disposed of as a hazardous waste in accordance with Local, State and Federal environmental regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid storage or use near sparks, heat or flame. Closed, empty containers of this product may be hazardous. Dispose of empty containers immediately after use.

OTHER PRECAUTIONS

NOTICE: Reports have associated repeated & prolonged exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating & inhaling vapors of this product may be harmful or fatal.

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

RESPIRATORY PROTECTION

Use self-contained breathing apparatus where vapor concentrations are above TLV limits. Below TLV limits, use a NIOSH approved, canister type vapor respirator.

VENTILATION

Local exhaust must be sufficient to keep airborne vapor below TLV limits.

PROTECTIVE GLOVES

Chemical resistant (Neoprene) gloves.

EYE PROTECTION

Safety glasses with side shields or goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

N/A

WORK/HYGIENIC PRACTICES

Wiping rags or other absorbents saturated with this product are potential sources of spontaneous combustion. Store rags in a closed, water-filled container or spread out and allow to dry completely before disposal.

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

THE CONDITIONS OF HANDLING, STORAGE, USE & DISPOSAL OF THE PRODUCT COVERED BY THIS MSDS ARE BEYOND THE CONTROL AND KNOWLEDGE OF PRO COATINGS, INC. THEREFORE WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT.