

MATERIAL SAFETY DATA SHEET

ISO 9001-2008
FM 70321

PRODUCT NAME: 402 RED	DATE: 10-20-1997
HMIS CODES: H=1, F=1, R=0, P=X	DATA SHEET # 475
	LATEST REVISION DATE: 7-30-2010

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: RYVEC, INC.
ADDRESS: 251 E. PALAIS ROAD, ANAHEIM, CA. 92805-6239
EMERGENCY PHONE: (714) 520-5592
INFORMATION PHONE: (714) 520-5592

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS:	CAS #	TLV (ACGIH)	OSHA PEL
SOLVENT REFINED LIGHT DISTILLATE (ONLY IF USED IN AN APPLICATION WHERE A MIST MAY BE GENERATED)	64742-53-6	5 mg/m ³	5 mg/m ³

SECTION 3 - PHYSICAL DATA

APPEARANCE AND ODOR: RED LIQUID, MILD ODOR
SPECIFIC GRAVITY: .95 (H₂O=1)
VAPOR DENSITY: N/A

SOLUBILITY IN WATER: INSOLUBLE
% VOLATILE BY WEIGHT: LESS THAN .01 @ 25°C.

SECTION 4 - FIRE & EXPLOSION HAZARD DATA

FLASH POINT: 300° F. (C.O.C.)
FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA: CO₂, DRY CHEMICALS, FOAM.
SPECIAL FIREFIGHTING PROCEDURES: WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING EQUIPMENT.

UNUSUAL FIRE & EXPLOSION HAZARDS: EMPTY DRUMS THAT CONTAIN RESIDUAL MATERIAL, WHICH MAY DECOMPOSE TO EMIT TOXIC OR IRRITATING GASSES IF BURNED.

SECTION 5 - REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY: STRONG OXIDIZING AGENTS AND ALKALIS., HYDROGEN PEROXIDE & BROMINE.

HAZARDOUS DECOMPOSITION: CARBON MONOXIDE (CO), CARBON DIOXIDE (CO₂), OXIDES OF SULFUR.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

-----**SECTION 6 - HEALTH HAZARD DATA**-----

INHALATION: AT ROOM TEMPERATURE, VAPORS ARE MINIMAL. MAY CAUSE RESPIRATORY SENSITIZATION IN SUSCEPTIBLE INDIVIDUALS.

SKIN: PROLONGED OR REPEATED EXPOSURE MIGHT CAUSE SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION IN SUSCEPTIBLE INDIVIDUALS.

EYE CONTACT: MAY CAUSE SLIGHT EYE IRRITATION.

HEALTH HAZARDS (ACUTE & CHRONIC): THIS PRODUCT IS NOT LISTED AS A POTENTIAL CARCINOGEN BY THE NATIONAL TOXICOLOGY PROGRAM (NTP), INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) OR THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).

CARCINOGENICITY: OSHA NO IARC NO

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: RESPIRATORY SYMPTOMS ASSOCIATED WITH PRE-EXISTING LUNG DISORDERS.

EMERGENCY & FIRST AID PROCEDURES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE RE-USE. IF AFFECTED BY VAPORS, REMOVE PATIENT TO FRESH AIR; GET MEDICAL ATTENTION IF NECESSARY. IF SWALLOWED, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

-----**SECTION 7 - SPILLS OR LEAK PROCEDURES**-----

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED: CONTAIN SPILL & SOAK IT UP WITH AN ABSORBANT MATERIAL, SUCH AS EARTH, SAND OR VERMICULATE; SWEEP UP AND DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS. IF SPILLED IN WATER, REMOVE BULK OF THE PRODUCT BY SKIMMING. IF SPILLED INTO NAVIGABLE WATER WAY, AND A FILM, SHEEN OR DISCOLORATION OF ANY WATER SURFACE IS NOTED, THE SPILL MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER BY CALLING (800) 424-8802.

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

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: WASH AFTER HANDLING. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN OR BREATHING OF VAPORS, MISTS OR FUMES. KEEP CONTAINERS TIGHTLY CLOSED. AVOID STRONG OXIDIZERS. ELIMINATE ALL SOURCES OF IGNITION SUCH AS FLAMES OR SPARKS.

-----**SECTION 8 - PROTECTION INFORMATION**-----

RESPIRATORY PROTECTION: PROVIDE EFFECTIVE VENTILATION TO DRAW VAPORS OR FUMES AWAY FROM WORKERS. IN THE ABSENCE OF PROPER VENTILATION, USE AN APPROVED NIOSH/OSHA ORGANIC TYPE RESPIRATOR.

VENTILATION: ALL THERMOPLASTIC MATERIALS WILL EMIT FUMES AND OR VAPORS WHEN HEATED. USE ADEQUATE EXHAUST TO MAINTAIN EXPOSURE BELOW LIMITS.

PROTECTIVE GLOVES: USE NATURAL RUBBER OR NEOPRENE GLOVES.

EYE PROTECTION: EYE WASH STATION SHOULD BE AVAILABLE. GOGGLES ARE RECOMMENDED FOR ALL INDUSTRIAL WORK AREAS.

PROTECTIVE CLOTHING: LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

-----SECTION 9 - SHIPPING DATA-----

D.O.T. LABELS REQUIRED (CFR172.101-102): NONE

D.O.T. PLACARDS REQUIRED (CFR172.504): NONE

-----SECTION 10 - SARA TITLE III REGULATORY INFORMATION-----

SECTION 313 (TITLE III SUPERFUND AMENDMENT AND REAUTHORIZATION ACT)

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS

ALL OF THE INGREDIENTS OF THIS MATERIAL HAVE BEEN REPORTED TO THE U.S. EPA, AND ARE INCLUDED IN THE TSCA CHEMICAL INVENTORY.

INTERNATIONAL CHEMICAL INVENTORIES

THE INGREDIENTS OF THIS PRODUCT ARE ALL ON THE FOLLOWING CHEMICAL SUBSTANCES INVENTORIES, ARE EXEMPT FROM THE INVENTORIES, OR ARE OTHERWISE COMPLIANT WITH INVENTORY REQUIREMENTS OF THE GOVERNING AGENCY:

EINECS (Europe), DSL/NDSL (Canada), AICS (Australia), ECL (Korea), MITI/ENCS (Japan), IECSC (China)

ALL INGREDIENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH EC REGULATION 1907/2006 (REACH)

HMIS RATINGS:

<u>HEALTH</u>	<u>FLAMMABILITY</u>	<u>REACTIVITY</u>
1	1	0

0=MINIMAL 1=SLIGHT 2=MODERATE 3=SERIOUS 4=SEVERE

-----COMPOSITION/INFORMATION ON INGREDIENTS-----

CHEMICAL NAME	CAS NUMBER
Red Pigment	7023-61-2
Oil Distillate	64742-53-6

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