

SECTION X - TRANSPORTATION DATA

GROUND

PROPER SHIPPING NAME: PAINT, FLAMMABLE LIQUID

HAZARD CLASS: FLAMMABLE LIQUID

UN/NA NUMBER: UN 1263

APPLICABLE REGULATION: 49 CFR 171 - 179

U.S. POSTAL REGULATIONS: NOT SHIPPABLE

LABEL: FLAMMABLE LIQUID

DISPOSAL INFORMATION: THIS PRODUCT IS A US EPA DEFINED IGNITABLE HAZARDOUS WASTE. DISPOSE OF AS AN IGNITABLE HAZARDOUS WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. AVOID STORING MATERIAL NEXT TO OR NEAR OXIDIZING MATERIALS. EPA IGNITABLE.

AIR

PROPER SHIPPING NAME: PAINT

HAZARD CLASS: 3

UN/NA NUMBER: UN 1263

LABEL: FLAMMABLE LIQUID

PACKING GROUP: CONSULT IATA MANUAL

APPLICABLE REGULATION: IATA

U.S. POSTAL REGULATIONS: NOT SHIPPABLE

DISPOSAL INFORMATION: THIS PRODUCT IS A US EPA DEFINED IGNITABLE HAZARDOUS WASTE. DISPOSE OF AS AN IGNITABLE HAZARDOUS WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. AVOID STORING MATERIAL NEXT TO OR NEAR OXIDIZING MATERIALS. EPA IGNITABLE.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

STOP LEAK IF NO RISK INVOLVED. REMOVE ALL SOURCES OF IGNITION. STAY UPWIND. ABSORB WITH INERT MATERIAL.
 FLUSH AREA WITH WATER. VENTILATE AREA FOR ATLEAST 24 HOURS OR UNTIL AREA HAS BEEN DECLARED SAFE.

WASTE DISPOSAL METHOD

USE INERT ABSORBENT MATERIALS ON SPILLS.
 DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

KEEP CONTAINERS CLOSED AND UPRIGHT TO PREVENT LEAKAGE. AVOID FLAMES, WELDING, OPEN LIGHTS, ETC.
 AVOID BREATHING OF VAPOR AND SPRAY MIST
 AVOID SKIN AND EYE CONTACT.

OTHER PRECAUTIONS

MAINTAIN GOOD PERSONAL HYGIENE.

DO NOT USE IN CONFINED AREAS, TANK OR PIT, WITHOUT ADEQUATE VENTILATION.

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

RESPIRATORY PROTECTION

IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW TLV(PEL), USE MSHA/NIOSH APPROVED UNITS.
 USE UNITS PER CURRENT 29 CFR 1910.134 AND FOLLOW MANUFACTURERS' INSTRUCTIONS AND WARNINGS.
 IF WITHIN OSHA PROTECTION FACTOR, AIR PURIFYING OV/FILTER UNITS OK FOR USE.

VENTILATION

LOCAL AND MECHANICAL EXHAUST.

PROTECTIVE GLOVES

RUBBER GLOVES.

EYE PROTECTION

SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

EYE BATH AND SAFETY SHOWER.

WORK/HYGIENIC PRACTICES

MAINTAIN GOOD PERSONAL HYGIENE. DO NOT USE IN CONFINED AREAS WITHOUT ADEQUATE VENTILATION.

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

DISCLAIMER

AS THE CONDITIONS OR METHODS ARE BEYOND OUR CONTROL, WE DO NOT ASSUME ANY RESPONSIBILITY REGARDING USE OF PRODUCT.
 WE EXPRESSLY DISCLAIM ANY LIABILITY FOR ANY USE OF THE MATERIAL. INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE
 ALL STATEMENTS OR SUGGESTIONS ARE MADE WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED TO THE ACCURACY OF THE DOCUMENT.

SECTION V - REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID

FLAMES, SPARKS, SMOKING AND HEAT.

INCOMPATIBILITY (MATERIALS TO AVOID)

STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

BREATHING OF HIGH VAPOR CONCENTRATIONS MAY CAUSE DROWSINESS, DIZZINESS, FATIGUE, FOLLOWED BY COMA.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EYE: DIRECT CONTACT AND/OR CONTACT WITH VAPORS MAY CAUSE IRRITATION.

SKIN: PROLONGED AND/OR REPEATED CONTACT MAY CAUSE IRRITATION AND/OR DERMITITIS. MAY BE ABSORBED THROUGH THE SKIN.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

PROLONGED OR REPEATED EXPOSURE CAN CAUSE MODERATE IRRITATION, DEFATTING, AND DERMITITIS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

ASPIRATION OF THIS PRODUCT INTO THE LUNGS MAY CAUSE PNEUMONITIS, PULMONARY EDEMA AND HEMORRAGE.

INGESTION MAY CAUSE GASTROINTESTINAL DISTURBANCES.

HEALTH HAZARDS (ACUTE AND CHRONIC)

DIRECT CONTACT TO EYES MAY CAUSE IRRITATION. PROLONGED AND/OR REPEATED CONTACT MAY CAUSE SKIN IRRITATION.

INHALATION OF HIGH CONCENTRATIONS OF VAPORS MAY LEAD TO LUNG CHANGES, NAUSEA, VOMITING, COUGH, PULMONARY IRRITATION, AND CENTRAL NERVOUS SYSTEM DEPRESSION. INGESTION MAY CAUSE GASTROINTESTINAL DISTURBANCES.

ASPIRATION OF THIS PRODUCT INTO THE LUNGS MAY CAUSE PNEUMONITIS, PULMONARY EDEMA AND HEMORRAGE.

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

INDIVIDUALS WITH PRE-EXISTING DISEASES IN OR HISTORY OF AILMENTS INVOLVING SKIN, CENTRAL NERVOUS SYSTEM, LIVER AND KIDNEY.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. SEEK MEDICAL AID.

SKIN: WASH THOROUGHLY WITH SOAP AND WATER. SEEK MEDICAL AID IF IRRITATION PERSISTS. INGESTION: IMMEDIATELY SEEK MEDICAL AID. DO NOT INDUCE VOMITING.

DO NOT ATTEMPT TO GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: TT-P-664D RED OXIDE PRIMER
PRODUCT CODE: 700R35

HMS CODES: H F R Y
2 3 0 G

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

MANUFACTURER'S NAME: MACH-DYNAMICS
3870 La Sierra Ave., Suite 212, Riverside, CA 92505
ADDRESS: Phone (951) 515-3748 Fax (775) 599-4585
EMERGENCY PHONE: CHEMTRC 800-424-9300 **INFORMATION PHONE:** (951) 515-3748
DATE REVISED : 12-31-99 **NAME OF PREPARER :** Mark Gingerella
REASON REVISED : PROP 65 STATEMENT

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

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER		
*XYLENE	1330-20-7	100 PPM	100 PPM		5.1 68F	4
*ALIPHATIC PETROLEUM DISTILLATES	64742-89-8	300 PPM	300 ppm		15.0 100F	3
MAGNESIUM SILICATE	14807-96-6		2 MG/M3		N/A	5
*ALIPHATIC HYDROCARBONS(STODDARD TYPE)	8052-41-3	100 PPM	100 PPM		2.0 68F	2
ACETONE	67-64-1	1000 PPM			11.6 68F	< 5.0%

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
"WARNING: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM."

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

BOILING RANGE: 131 to 334 Deg F **SPECIFIC GRAVITY (H2O=1):** 1.7
VAPOR DENSITY: HEAVIER THAN AIR **EVAPORATION RATE:** SLOWER THAN ETHER
MATERIAL V.O.C.: 2.30 LB/GL (275 G/L)
SOLUBILITY IN WATER: ESSENTIALLY NIL.
APPEARANCE AND ODOR: VISCOUS LIQUID WITH TYPICAL PAINT ODOR.

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

FLASH POINT: -4 Deg F **METHOD USED:** TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9% UPPER: 12.8%

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

SPECIAL FIREFIGHTING PROCEDURES
APPROVED GAS MASK REQUIRED FOR FIRE FIGHTING PERSONEL. WATER MAY BE INEFFECTIVE. WATER MAY BE USED TO COOL CONTAINERS.
IF WATER IS USED, FOG NOZZLES ARE PREFERRED.

UNUSUAL FIRE AND EXPLOSION HAZARDS
KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS, AND OPEN FLAME.
CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO HEAT.