

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: 2650 PREP SOLVENT
PRODUCT CODE: 2650PREP

HMIS CODES: H F R P
2 3 0 G

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: TOLEDO PAINT & CHEMICAL COMPANY
ADDRESS: 33 BLUCHER STREET (PO BOX 324), TOLEDO, OH 43607 (43697)
EMERGENCY PHONE: (419)244-3726 INFORMATION PHONE: (419)244-3726
DATE REVISED : 12-16-04 NAME OF PREPARER : D. PETERS
REASON REVISED : UPDATED

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

Table with 7 columns: HAZARDOUS COMPONENTS, CAS NUMBER, OSHA PEL, ACGIH TLV, OTHER, VAPOR PRESSURE mm Hg @ TEMP, WEIGHT PERCENT. Rows include EXXATE 700, ACETIC ACID ESTER W/C7 OXO ALCOHOL, *XYLENE, and VM & P NAPHTHA (RULE 66).

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
NA=NOT APPLICABLE NE= NOT ESTABLISHED ND= NOT DETERMINED C=CEILING P=PEAK M=MANUFACTURES Disclosure or reproduction,
for other than safety and medical purposes is prohibited without authorization of Toledo Paint & Chemical Company.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 250 to 349 Deg F SPECIFIC GRAVITY (H2O=1): 0.8
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C. : 6.68 LB/GL (801 G/L)
MATERIAL V.O.C.: 6.68 LB/GL (801 G/L)
SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR: Clear Liquid, Sweet Odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 54 Deg F METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9% UPPER: 8.0%

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

SPECIAL FIREFIGHTING PROCEDURES

WEAR FULL PROTECTIVE CLOTHING & SELF-CONTAINED BREATHING APPARATUS. WATER SPRAY MAY BE INEFFECTIVE. COOL CLOSED CONTAINERS WITH WATER TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

UNUSUAL FIRE AND EXPLOSION HAZARDS

KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, OPEN FLAME AND ELECTRICAL EQUIPMENT. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. DO NOT APPLY TO HOT SURFACES. EMPTY CONTAINERS MAY CONTAIN EXPLOSIVE VAPORS. DO NOT CUT OR WELD, GRIND OR DRILL, ON OR NEAR FULL OR EMPTY CONTAINERS.

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

STABILITY: STABLE
CONDITIONS TO AVOID
ELEVATED TEMPERATURES

INCOMPATIBILITY (MATERIALS TO AVOID)
STRONG ACIDS, STRONG ALKALIS, OXIDIZING AGENTS, CATALYSTS, AND WATER

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
CARBON MONOXIDE , CARBON DIOXIDE, OTHERS UNKNOWN

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
IRRITATION OF UPPER RESPIRATORY TRACT AND CENTRAL NERVOUS SYSTEM DEPRESSION. SYMPTOMS INCLUDE: CONFUSION, DIZZINESS, FATIGUE, HEADACHE, LOSS OF BALANCE & COORDINATION, NAUSEA, OR UNCONSCIOUSNESS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
SKIN: REDNESS AND CRACKING. LIQUID PENETRATES SHOES AND LEATHER CAUSING DELAYED BURNS. EYES: MODERATE TO SEVERE IRRITATION, TEARING, REDNESS, BLURRED VISION, AND POSSIBLE CORNEAL INJURY.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
SWALLOWING CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA, HEADACHE, AND DIZZINESS. THERE IS ALSO A PULMONARY ASPIRATION HAZARD IF THIS PRODUCT IS SWALLOWED AND VOMITING OCCURS. THIS CAN RESULT IN CHEMICAL PNEUMONITIS.

HEALTH HAZARDS (ACUTE AND CHRONIC)
INHALATION: DIZZINESS, HEADACHE, LOSS OF BALANCE & COORDINATION, NAUSEA, UNCONSCIOUSNESS, DEATH. INGESTION: NAUSEA, DIARRHEA, HEADACHE, DIZZINESS, INCOORDINATION. ALSO RED BLOOD CELL, KIDNEY AND LIVER DAMAGE. SKIN: CAN CAUSE REDDENING AND DERMATITIS. EYE CONTACT: MODERATE TO SEVERE IRRITATION, TEARING, CORNEAL INJURY, AND BLURRED VISION. CHRONIC: -
SEE NOTICE IN SECTION VII CONCERNING SOLVENTS

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
PREEXISTING BREATHING DIFFICULTIES AND OTHER RESPIRATORY DISORDERS, HEADACHES, DERMATITIS AND EYE DISORDERS.

EMERGENCY AND FIRST AID PROCEDURES
INHALATION: MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION, ADMINISTER OXYGEN IF AVAILABLE, GET IMMEDIATE MEDICAL ASSISTANCE. EYE CONTACT: IMMEDIATELY FLUSH EYES WITH COOL WATER FOR 15-MINUTES, GET MEDICAL ASSISTANCE. INGESTION: DO NOT INDUCE VOMITING! GET IMMEDIATE MEDICAL ASSISTANCE. SKIN: WASH WITH SOAP & WATER, REMOVE CONTAMINATED CLOTHING, WASH CLOTHING BEFORE REUSE, CONSULT DOCTOR IF NECESSARY.

=====
SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE
=====**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA, AVOID BREATHING VAPORS, CONTAIN SPILL AND REMOVE WITH INERT ABSORBANT. USE NON-SPARKING TOOLS.

WASTE DISPOSAL METHOD

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS, A VIOLENT EXPLOSION COULD OCCUR. USE ONLY A LICENSED DISPOSAL FIRM/FACILITY.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

DO NOT STORE ABOVE 100-F. GROUND CONTAINERS WHEN POURING OR TRANSFERRING. KEEP AWAY FROM HEAT SPARK & FLAME. STORE CONTAINERS UPRIGHT TO PREVENT LEAKAGE. DO NOT PUNCTURE OR REUSE CONTAINERS. SEE OSHA 1910.106 FOR PROPER STORAGE CONDITIONS. PROHIBIT SMOKING IN AREAS THIS PRODUCT IS USED. KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

OTHER PRECAUTIONS

SEE THE NATIONAL ELECTRICAL CODE FOR ELECTRICAL EQUIPMENT REQUIREMENTS. SOLVENT VAPORS ARE HEAVIER THAN AIR AND TRAVEL NEAR GROUND LEVEL. THEY ALSO ACCUMULATE IN LOW AREAS AND PITS. *NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. **DO NOT USE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.**

=====
SECTION VIII - CONTROL MEASURES
=====**RESPIRATORY PROTECTION**

WEAR A PROPERLY FITTED, NIOSH/MSHA APPROVED, CHEMICAL/MECHANICAL RESPIRATOR TO KEEP WORKER EXPOSURE BELOW THE TIME WEIGHTED THRESHOLD LIMIT VALUES. IN CONFINED OR POORLY VENTILATED AREAS, WEAR A NIOSH/MSHA APPROVED, AIR LINE RESPIRATOR OR HOOD. CONSULT YOUR LOCAL SAFETY EQUIPMENT SUPPLIER FOR APPROVED RESPIRATORS AND FITTING INSTRUCTIONS.

VENTILATION

PROVIDE GENERAL CLEAN AIR DILUTION OR LOCAL EXHAUST VENTILATION TO KEEP THE CONCENTRATION OF FUMES BELOW LOWER EXPLOSIVE LIMITS AND EXPOSURE LIMITS.

PROTECTIVE GLOVES

USE IMPERVIOUS GLOVES TO PREVENT SKIN CONTACT

EYE PROTECTION

SPLASH PROOF GOGGLES OR FACE SHIELD, *DO NOT WEAR CONTACT LENSES*

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

CHEMICAL RESISTANT APRON, CHEMICAL RESISTANT BOOTS FOR SPILL CLEAN UP

WORK/HYGIENIC PRACTICES

WASH HANDS BEFORE EATING, SMOKING, OR USING THE BATHROOM. AVOID SKIN CONTACT.

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

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE, AND WAS OBTAINED FROM SOURCES BELIEVED BY TOLEDO PAINT & CHEMICAL COMPANY TO BE ACCURATE.

SEE ADDENDUM FOR COMPLETE DISCLAIMER AND LIMITATION OF LIABILITY

MSDS ADDENDUM

SECTION IX - DISCLAIMER

To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by Toledo Paint & Chemical Company to be accurate. To the extent allowed by law, this statement is made in lieu of any other warranties, expressed or implied, including but not limited to any implied warranty of merchantability or fitness for a particular purpose, and is in lieu of any other obligations or liability on the part of Toledo Paint and Chemical Company.

Toledo Paint and Chemical Company will not be liable for any incidental or consequential damages. Final determination of the suitability of the material for the use contemplated, the manner of use, and whether the suggested use infringes any patent is the sole responsibility of the buyer.

Disclosure or reproduction, for other than safety and medical purposes is prohibited without authorization of Toledo Paint and Chemical Company.

Additional information on the effects and safe handling procedures for the individual chemicals contained in this product can be found in the following publications.

Registry of Toxic Effects of Chemical Substances, U.S. Department of Health and Human Services, National Institute for Occupational Safety and Health (NIOSH). Available on CD-ROM and at many public libraries, either on-line or on microfiche.

NIOSH Pocket Guide to Chemical Hazards, NIOSH Publication. Available through: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Threshold Limit Values and Biological Exposure Indices for 2000, American Conferences of Governmental Industrial Hygienists (ACGIH), Publication No: 0100. Available through: ACGIH, Kemper Woods, Center, 1330 Kemper Meadow Dr., Suite 600, Cincinnati, OH 45240, phone: (513)742- 2020 OR FAX: (513)742-3355.

Air Contaminants - Permissible Exposure Limits, (Title 29 Code of Federal Regulations, Part 1910.1000) U.S. Department of Labor, Occupational Safety and Health Administration, Available from: OSHA Publications, Room N-3101, U.S. Department of Labor, Washington, D.C. 20210.

SECTION X - TRANSPORTATION INFORMATION

Domestic Ground Transportation

DOT Shipping Name: Compound, Cleaning Liquid

DOT Hazard Class: 3

UN/NA Number: NA1993

DOT Packing Group: II

Labels Required: Flammable Liquid

Reference: 49CFR 173.120

Air Freight Transportation:

Refer to International Civil Aviation Organization (ICAO) Regulations

Ocean Transportation:

Refer to International Maritime Organization (IMO) Regulations

DSCBI.ANK.SAM

05/00