

V A L S P A R C O R P O R A T I O N
MATERIAL SAFETY DATA SHEET

John Deere
8503-60,670
TY25310,
CXTY25310

***** SECTION 1: PRODUCT IDENTIFICATION *****

MANUFACTURERS ADDRESS : 1101 THIRD STREET SOUTH, MINNEAPOLIS, MN 55415
MFG TELEPHONE NUMBER : (612) 332-7371
24 HR EMERGENCY PHONE NO : 1-888-345-5732
CHEMICAL NAME OR FAMILY : PAINT PRODUCT
FORMULA : CONSTRUCTION YELLOW
TRADE NAME : JD CONSTRUCTION YELLOW
ISSUE DATE : 10-01-01 DATE PRINTED : 10-11-01

***** SECTION 2: HAZARDOUS INGREDIENTS *****

NAME	WT %	
COMMON(NA):NAPHTHA	12.5%	TLV TWA 100.00 PPM TLV STEL NOT ESTAB OSHA PEL 300.00 PPM CEILING NOT ESTAB RECOMND NOT ESTAB
CAS:64742-88-7 CHEMICAL: SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.		
*COMMON(NA):TOLUENE	3.3%	TLV TWA 50.00 (01) TLV STEL NOT ESTAB OSHA PEL 200.00 PPM CEILING 300.00 PPM RECOMND NOT ESTAB
CAS:108-88-3 CHEMICAL: PHENYL, METHYL		
COMMON(NA):PROPRIETARY PIGMENT		TLV TWA 10.00 MG/CU M TLV STEL NOT ESTAB OSHA PEL 10.00 MG/CU M CEILING NOT ESTAB RECOMND NOT ESTAB
CAS:TRADE SECRET		
COMMON(NA):BUTANE	7.9%	TLV TWA 800.00 PPM TLV STEL NOT ESTAB OSHA PEL NOT ESTAB CEILING NOT ESTAB RECOMND NOT ESTAB
CAS:106-97-8 CHEMICAL: BUTANE		
COMMON(NA):PROPANE	17.1%	TLV TWA 1000.00 PPM TLV STEL NOT ESTAB OSHA PEL 1000.00 PPM CEILING NOT ESTAB RECOMND NOT ESTAB
CAS:74-98-6 CHEMICAL: PROPANE		
COMMON(NA):DIMETHYL KETONE	30.0%	TLV TWA 750.00 PPM TLV STEL NOT ESTAB OSHA PEL 250.00 PPM CEILING NOT ESTAB RECOMND NOT ESTAB
CAS:67-64-1 CHEMICAL: 2-PROPANONE		

***** SECTION 2: HAZARDOUS INGREDIENTS

****CONTINUED****

COMMON(NA):VM&P NAPHTHA 6.4% TLV TWA 420.00 PPM
TLV STEL NOT ESTAB
CAS:64742-89-8 CHEMICAL: SOLVENT NAPHTHA (PETRO- OSHA PEL NOT ESTAB
LEUM) LIGHT ALIPH. CEILING NOT ESTAB
RECOMND 300.00 PPM

***** SECTION 2:NON-HAZARDOUS INGREDIENTS

NAME WT %

COMMON(2):PROPRIETARY RESIN
CAS:TRADE SECRET

CHEMICALS NOTED WITH A (*) ARE REPORTABLE UNDER SECTION 313 OF SARA TITLE III

- (1) = PPM SKIN
- (2) = GLYCOL ETHER, SEE SECTION 5.

THE SPECIFIC CHEMICAL INDENTITY(S) OF A COMPONENT(S) IS (ARE) BEING WITHHELD AS A TRADE SECRET UNDER 34 PENNSYLVANIA CODE, CHAPTER 317.

ALL COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH U.S. TSCA CHEMICAL SUBSTANCE INVENTORY REQUIREMENTS.

***** SECTION 3: PHYSICAL DATA

BOILING POINT: 133 DEG F. (56 DEG C.)
VAPOR PRESSURE MM HG AT 68 DEG F. (20 DEG C.): 182.0
VAPOR DENSITY (AIR = 1.0): 5.5
SPECIFIC GRAVITY: 0.76
PERCENT VOLATILE BY VOLUME: 87.34
EVAPORATION RATE (BUTYL ACETATE = 1): 5.6
SOLUBILITY IN WATER: NO
APPEARANCE/ODOR: NORMAL FOR A COATINGS PRODUCT.
PH : N.AV
COEFFICIENT OF WATER/OIL DISTRIBUTION: N.AV

***** SECTION 4: FIRE AND EXPLOSION HAZARD

FLASH POINT TCC/PM DEG F : -13
FLASH POINT TCC/PM DEG C : -25
LOWER EXPLOSIVE LIMIT : 1.00
UPPER EXPLOSIVE LIMIT : 13.00
AUTO IGNITION - DEG F : N.AV DEG C : N.AV
SENSITIVITY TO IMPACT : NONE
SENSITIVITY TO STATIC DISCHARGE : N.AV

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM, AND/OR WATER FOG.

SPECIAL FIRE FIGHTING PROCEDURES:

FIRE FIGHTERS MUST WEAR SELF CONTAINED BREATHING APPARATUS OR AIR MASKS.
CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL WITH WATER SPRAY.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS:

CONTAINS OXIDIZABLE MATERIALS. CONTAMINATED RAGS, WIPES, SAWDUST, ETC.
MAY CATCH FIRE SPONTANEOUSLY. STORE WASTE IN WATER-FILLED, CLOSED METAL
CONTAINERS UNTIL DISPOSED OF IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS.

***** SECTION 5: HEALTH HAZARD DATA *****

THRESHOLD LIMIT VALUE: NOT REQUIRED FOR MIXTURE.

EFFECTS OF OVEREXPOSURE:

IMMEDIATE EFFECTS (ACUTE):

CAN BE ABSORBED THROUGH THE SKIN.
HARMFUL IF INHALED. MAY AFFECT THE BRAIN, NERVOUS SYSTEM OR RES-
PIRATORY SYSTEM, CAUSING DIZZINESS, HEADACHE, NAUSEA OR RESPIRATORY
IRRITATION.
MAY BE HARMFUL IF ABSORBED THROUGH SKIN.
OVEREXPOSURE TO INGREDIENTS IN THIS PRODUCT MAY CAUSE NOSE AND
THROAT IRRITATION, EYE IRRITATION, SKIN IRRITATION, LIVER DAMAGE,
KIDNEY DAMAGE, CNS DEPRESSION, RESPIRATORY TRACT IRRITATION, MUCOUS
MEMBRANE IRRITATION, CORNEAL INJURY/EYE DAMAGE.

DELAYED EFFECTS (CHRONIC):

POSSIBLE BIRTH DEFECTS HAZARD. CONTAINS INGREDIENTS WHICH MAY CAUSE
BIRTH DEFECTS BASED ON ANIMAL DATA.
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.
CONTAINS INGREDIENTS WHICH MAY CAUSE LIVER DAMAGE, KIDNEY DAMAGE.

PROPOSITION 65 STATEMENT

WARNING: THIS PRODUCT CONTAINS A CHEMICAL
KNOWN TO THE STATE OF CALIFORNIA TO CAUSE
BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - ANY
RESPIRATORY OR SKIN CONDITION.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15
MINUTES AND GET MEDICAL ATTENTION.
SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER.
INHALATION: IF AFFECTED BY INHALATION OF VAPOR OR SPRAY MIST, REMOVE
TO FRESH AIR.
SWALLOWING: IF SWALLOWED, GET MEDICAL ATTENTION IMMEDIATELY.

POSSIBLE ROUTES OF ENTRY: INHALATION, INGESTION, SKIN ABSORPTION.

***** SECTION 6: REACTIVITY DATA *****

THIS PRODUCT IS STABLE
CONDITIONS TO AVOID: NONE
INCOMPATIBILITY: STRONG OXIDIZERS
HAZARDOUS DECOMPOSITION PRODUCTS:
CARBON DIOXIDE/MONOXIDE
HAZARDOUS POLYMERIZATION: NONE

***** SECTION 7: SPILL OR LEAK PROCEDURES *****

VENTILATE AREA. AVOID BREATHING OF VAPORS. USE SELF-CONTAINED BREATHING APPARATUS OR AIRMASK FOR LARGE SPILLS IN A CONFINED AREA. ELIMINATE IGNITION SOURCES. REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS. AVOID ALL PERSONAL CONTACT.

WASTE DISPOSAL METHOD:

DISPOSE IN CHEMICAL DISPOSAL AREA OR IN A MANNER THAT COMPLIES WITH LOCAL, STATE, PROVINCIAL AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

***** SECTION 8: SPECIAL PROTECTION INFORMATION *****

RESPIRATORY PROTECTION:

UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ABOVE APPLICABLE LIMITS, NO RESPIRATOR IS REQUIRED. IF RESPIRATOR IS REQUIRED, THE APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSHA APPROVED) SHOULD BE WORN DURING APPLICATION. FOLLOW RESPIRATOR MANUFACTURERS DIRECTIONS FOR RESPIRATOR USE.

VENTILATION:

REQUIRED FOR SPRAYING OR IN A CONFINED AREA, VENTILATION EQUIPMENT SHOULD BE EXPLOSION PROOF. ELIMINATE IGNITION SOURCES

PROTECTIVE GLOVES: USUAL HAND PROTECTION FOR PAINT APPLICATION.

EYE PROTECTION: FOR SPRAY APPLICATION, USE CHEMICAL GOGGLES AS A MINIMUM. OTHERWISE, USE SAFETY GLASSES WITH SIDE SHIELDS AS A MINIMUM.

OTHER PROTECTIVE EQUIPMENT: USUAL CLOTHING FOR PAINTING OPERATIONS.

***** SECTION 9: SPECIAL PRECAUTIONS *****

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

CONTAINERS SHOULD BE GROUNDED/BONDED WHEN POURING. AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES.

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT STORE ABOVE 120 DEG F. (49 DEG C.) BASED ON THE PRODUCT FLASH POINT AND VAPOR PRESSURE, SUITABLE STORAGE SHOULD BE PROVIDED IN ACCORDANCE WITH OSHA REGULATION 1910.106/ONTARIO OH&S REGULATION 851 SECTION 22. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE, INCLUDING FLAMMABLE OR EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR CONTAINER. ALL LABEL WARNINGS MUST BE OBSERVED UNTIL THE CONTAINER HAS BEEN CLEANED OR RECONDITIONED.

ABBREVIATIONS USED:

OSHA-OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION;
IARC-INTERNATIONAL AGENCY FOR RESEARCH ON CANCER; LEL-LOWER EXPLOSIVE LIMITS;
UEL-UPPER EXPLOSIVE LIMITS; MG CU M-MILLIGRAMS PER METERS CUBED; MM-MILLIMETERS;
MPPCF-MILLIONS OF PARTICLES PER CUBIC FOOT; MSHA-MINE SAFETY AND HEALTH
ADMINISTRATION; NIOSH-NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH;
WHMIS-WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION SYSTEM; H-HOURS; HR-HOURS;
NA-NOT APPLICABLE; NOT EST-NOT ESTABLISHED; NTP-NATIONAL TOXICOLOGY PROGRAM;
PB-LEAD; PEL-PERMISSIBLE EXPOSURE LEVEL; PPM-PARTS PER MILLION;

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TCC/PM-TAG CLOSED CUP/PENSKY-MARTEN;RECM-RECOMMENDED;TLV-THRESHOLD LIMIT VALUES.
N.AV-NOT AVAILABLE; N.AP-NOT APPLICABLE;C-CELSIUS; F-FAHRENHEIT

***** PREPARED BY SECTION

PREPARED BY: REGULATORY AFFAIRS DEPT.

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