

***** 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 : NOT APPLICABLE
TRADE NAME : 56 6461G AM EQ/IMP JD YELLOW
REVISION DATE : 06-28-00 DATE PRINTED : 05-21-01

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

| NAME | WT % | |
|---|---------|--|
| COMMON(NA):MINERAL SPIRITS | 30-35% | TLV TWA 100.00 PPM TLV STEL NOT ESTAB |
| CAS:64742-47-8 CHEMICAL: DISTILLATES (PETROLEUM), HYDROTREATED LIGHT | | OSHA PEL 500.00 PPM CEILING NOT ESTAB RECOMND NOT ESTAB |
| COMMON (1):CRYSTALLINE SILICA | .1-1.0% | TLV TWA 0.10 HG/CU M TLV STEL NOT ESTAB |
| CAS:14808-60-7 CHEMICAL: QUARTZ | | OSHA PEL 0.10 HG/CU M CEILING NOT ESTAB RECOMND NOT ESTAB |
| COMMON(NA):TITANIUM DIOXIDE | 5-10% | TLV TWA 10.00 HG/CU M TLV STEL NOT ESTAB |
| CAS:1317-80-2 CHEMICAL: RUTILE (TiO2) | | OSHA PEL 15.00 UNITS N CEILING NOT ESTAB RECOMND NOT ESTAB |
| COMMON(NA):TITANIUM DIOXIDE | 1-5% | TLV TWA 10.00 MG/CU M TLV STEL NOT ESTAB |
| CAS:13463-67-7 CHEMICAL: TITANIUM OXIDE | | OSHA PEL 10.00 MG/CU M CEILING NOT ESTAB RECOMND NOT ESTAB |

THERE ARE NO SARA 313 CHEMICALS IN THIS PRODUCT

(1) = THIS MATERIAL IS A CARCINOGEN PER NTP,IARC

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

***** SECTION 3: PHYSICAL DATA *****

BOILING POINT: 315 DEG F. (157 DEG C.)
VAPOR PRESSURE MM HG AT 68 DEG F. (20 DEG C.): 2.0
VAPOR DENSITY (AIR = 1.0): 5.1
SPECIFIC GRAVITY: 1.11
PERCENT VOLATILE BY VOLUME: 50.75
EVAPORATION RATE (BUTYL ACETATE = 1): .1
SOLUBILITY IN WATER: NONE
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 : 104
FLASH POINT TCC/PM DEG C : 40
LOWER EXPLOSIVE LIMIT : 1.00
UPPER EXPLOSIVE LIMIT : 6.00
AUTO IGNITION - DEG F : N.AV DEG C : N.AV
SENSITIVITY TO IMPACT : NONE
SENSITIVITY TO STATIC DISCHARGE : N.AV

***** SECTION 4: FIRE AND EXPLOSION HAZARD *****
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):
HARMFUL IF INHALED. MAY AFFECT THE BRAIN, NERVOUS SYSTEM OR RES-
PIRATORY SYSTEM, CAUSING DIZZINESS, HEADACHE, NAUSEA OR RESPIRATORY
IRRITATION.
OVEREXPOSURE TO INGREDIENTS IN THIS PRODUCT MAY CAUSE NOSE AND
THROAT IRRITATION, EYE IRRITATION, SKIN IRRITATION, KIDNEY DAMAGE.
DELAYED EFFECTS (CHRONIC):
CONTAINS CRYSTALLINE SILICA. THE IARC HAS DETERMINED THAT CRYSTALLINE
SILICA INHALED IN THE FORM OF QUARTZ OR CRISTOBABLITE FROM
OCCUPATIONAL SOURCES IS CARCINOGENIC TO HUMANS (GROUP 1). REFER TO
IARC MONOGRAPH 68 IN CONJUNCTION WITH THE USE OF THESE MATERIALS.
THE NTP HAS ALSO DETERMINED THAT CRYSTALLINE SILICA IS A KNOWN
HUMAN CARCINOGEN IN THE FORM OF FINE, BREATHABLE PARTICLES.
RISK OF CANCER DEPENDS ON DURATION AND LEVEL OF EXPOSURE. IN COATINGS
PRODUCTS, RISK IS DUE PRIMARILY TO INHALATION OF SANDING DUST OR
RESPIRABLE PARTICLES IN SPRAY MIST.
PROLONGED EXPOSURE TO RESPIRABLE CRYSTALLINE QUARTZ (SILICA) MAY
CAUSE DELAYED (CHRONIC) LUNG INJURY (SILICOSIS)
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.

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 METAL OXIDES

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.
WIPE UP OR ABSORB ON SUITABLE MATERIAL AND SHOVEL UP.
AVOID CONTACT WITH EYES.

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

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.

PROTECTIVE GLOVES: USUAL HAND PROTECTION FOR PAINT APPLICATION.
EYE PROTECTION: FOR SPRAY APPLICATION, USE CHEMICAL
GOOGLES 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:

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;
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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