VALSPAR CORPORATION

MATERIAL SAFETY DATA SHEET

CUSTOMER NAME: UNITED HARDWARE
CUSTOMER INVOICE: 0423389

SECTION 1: PRODUCT IDENTIFICATION

MANUFACTURER'S ADDRESS:
1161 THIRD STREET SOUTH, MINNEAPOLIS, MN 55415

MFG TELEPHONE NUMBER:
612-322-7371

EMERGENCY PHONE NUMBER:
1-800-228-5895

FORMULA NAME OR FAMILY:
POWDER FORMULA

TRADE NAME:
OIL GL EN WHITE

TRADE NAME:

REVISION DATE:
03-07-97

DATE PRINTED:
04-05-97

SECTION 2: HAZARDOUS INGREDIENTS

COMMON NAME:
MINERAL SPIRITS

APPROX. wt%:
5%

CAS:
64742-47-8

CHEMICAL:
DISTILLATES (PETROLEUM)

HYDROCARBON LIGHT

TLV STEL NOT ESTAB

OSHA PEL NOT ESTAB

CEILING NOT ESTAB

RECOMMEND NOT ESTAB

COMMON NAME:
KAOLIN

APPROX. wt%:
5%

CAS:
1332-68-7

CHEMICAL:
KAOLIN

TLV STEL NOT ESTAB

OSHA PEL NOT ESTAB

CEILING NOT ESTAB

RECOMMEND NOT ESTAB

COMMON NAME:
BARITUM METABARATE

APPROX. wt%:
1%

CAS:
13701-55-2

CHEMICAL:
BORIC ACID (H3BO3), BARIUM SALT

TLV STEL NOT ESTAB

OSHA PEL NOT ESTAB

CEILING NOT ESTAB

RECOMMEND NOT ESTAB

COMMON NAME:
SILICA

APPROX. wt%:
1%

CAS:
112926-008

CHEMICAL:
ANOMPHOUS SILICA GEL

TLV STEL NOT ESTAB

OSHA PEL NOT ESTAB

CEILING NOT ESTAB

RECOMMEND NOT ESTAB

COMMON NAME:
TITANIUM DIOXIDE

APPROX. wt%:
20%

CAS:
13463-67-7

CHEMICAL:
TITANIUM OXIDE

TLV STEL NOT ESTAB

OSHA PEL NOT ESTAB

CEILING NOT ESTAB

RECOMMEND NOT ESTAB

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

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

VAPOR PRESSURE MM HG AT 68 DEG F:
2.9

VAPOR DENSITY (AIR = 1.0):
5.1

SPECIFIC GRAVITY:
1.17

PERCENT VOLATILE BY VOLUME:
52.73

EVAPORATION RATE (DISSOLVING ACETATE = 1):
1

SOLUBILITY IN WATER:
NO

APPEARANCE AND ODOR:
NORMAL FOR A COATINGS PRODUCT.

THEORETICAL VGC:
4.42 LBS/GALLON

THEORETICAL VGC:
460 GRAMS/LITER

SECTION 4: FIRE AND EXPLOSION HAZARD

FLASH POINT (CC/PPM DEG F):
101

UPPER EXPLOSIVE LIMIT:
1.00

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 OXIDIZING MATERIALS; CONTAINMENT OF RAGS, HAY, SAWDUST, ETC. MAY CATCH FIRE SPONTANEOUSLY.
STORE WASTE UNDER WATER IN CLOSED METAL CONTAINERS UNTIL DISPOSED OF IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS.

SECTION 5: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE:
NOT REQUIRED FOR MIXTURE.

SECTION 6: REACTIVITY DATA

THIS PRODUCT IS STABLE.

CONDITIONS TO AVOID:
NONE

INCOMPATIBILITY:
STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS:
STILTON DIOXIDE, CARBON DIOXIDE/MONOXIDE, METAL OXIDES

HAZARDOUS POLYMERIZATION:
NONE
VENTILATE AREA. AVOID BREATHING OF VAPORS. USE SELF-CONTAINED BREATHING APPARATUS OR AIR MASK FOR LARGE SPILLS IN A CONFINED AREA. AVOID CONTACT WITH EYES.

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

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 (N95/KN95/PA100) 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 EXHAUSTED OR EXHAUSTED.

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.

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. BASED ON THE PRODUCT FLASH POINT AND VAPOR PRESSURE SUITABLE STORAGE SHOULD BE PROVIDED IN ACCORDANCE WITH OSHA REGULATION 1910.106. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE, INCLUDING FLAMABLE OR EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE OR MELT OR NEAR CONTAINER. ALL LABEL WARNINGS MUST BE OBSERVED UNTIL THE CONTAINER HAS BEEN CLEARED OR RECONDITIONED.

ABBREVIATIONS USED:
OSHA-Occupational Safety and Health Administration
IIARC-International Agency for Research on Cancer
LEL-Lower Explosive Limit
UEL-Upper Explosive Limit
mg Cu = milligrams per cubic foot
mg/km = kilograms per cubic meter
mg/m³ = milligrams per cubic meter
ppm-parts per million
TCE/PM = tag closed cup/pensky-marten

PROPER SHIPPING NAME: PAINT
HAZARD CLASS: NOT REGULATED
ID NUMBER:
PACKAGING GROUP:
HAZARD LABEL(S):
EMERGENCY RESPONSE GUIDE PAGE: