

MATERIAL SAFETY DATA SHEET

#INWOOD ALL COLORS

PRODUCT CODE: IW-CL

1. COMPANY IDENTIFICATION
UNITED COATINGS MANUFACTURING COMPANY
19011 E. CATALDO ROAD
GREENACRES, WASHINGTON 99016-9423

24 HOUR EMERGENCY PHONE: INITIAL (FIRST CALL) CHEMTREC: 800-424-9300
BACK-UP 800-541-4383 INFORMATION PHONE: 509-926-7143 FAX: 509-928-1116

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT/EXPOSURE LIMITS	CAS#	% BY WT.
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* MINERAL SPIRITS (STODDARD SOLVENT)	8052-41-3	51
MINERAL SPIRITS (STODDARD SOLVENT) CAS #8052-41-3, CONSISTS MAINLY OF ALIPHATIC HYDROCARBONS. STODDARD SOLVENT, ACGIH TLV-100PPM TWA, OSHA PEL-100PPM TWA, NIOSH RES-350PPM, 15 MINUTE TWA CEILING. TRIMETHYL BENZENE, CAS #25551-13-7, ACGIH TLV-25PPM TWA, OSHA PEL-25PPM TWA, NIOSH REL-25PPM		
RAW LINSEED OIL	8001-26-1	24

NO OCCUPATIONAL EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THIS CHEMICAL.

* ALKYD RESIN SOLUTION	MIXTURE	8
OSHA PEL: 100PPM, ACGIH TLV: 100PPM, STEL: STEL150PPM		

TUNG OIL (CHINAWOOD OIL)	8001-20-5	7
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NO OCCUPATIONAL EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THIS CHEMICAL.

* ALKYD RESIN SOLUTION (70%)	67700-76-9	6
ALKYD RESIN, CAS#67700-76-9, 70.0%, NO OCCUPATIONAL EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THIS CHEMICAL. MINERAL SPIRITS (STODDARD SOLVENT) CAS#64742-47-8, 27.0%, ACGIH TLV-100PPM TWA, OSHA PEL-100PPM TWA, NIOSH 350PPM 15 MINUTE TWA CEILING. XYLENE, CAS#1330-20-7, 3.1%, ACGIH TLV-100PP TWA, STEL-150PPM CEILING, OSHA PEL-100PPM TWA, STEL-150PPM CEILING, NIOSH		
PETROLEUM HYDROCARBON WAX	64742-43-4	2

PARAFFIN WAX FUMES, IF GENERATED, PERCENT UNKNOWN, CAS#8002-74-2, ACGIH TWA 2 MG/M3, OSHA TWA-2MG/M3, MSHA TWA-2MG/M3, CAL.OSHA TWA-2MG/M3.

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

THIS MSDS MAY BE USED FOR OTHER COLORS AND CONTAINER SIZES OF THIS PRODUCT.

3. HAZARDS IDENTIFICATION**POTENTIAL HEALTH EFFECTS**

EYE AND SKIN: SKIN: THIS MATERIAL MAY CAUSE DEFATTING AND IRRITATION OF THE SKIN. PROLONGED OR REPEATED CONTACT MAY CAUSE DERMATITIS. EYES: THIS MATERIAL IS AN EYE IRRITANT.

INGESTION: OBTAIN MEDICAL ATTENTION IMMEDIATELY. DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INGESTION CAN RESULT IN IRRITATION OR CHEMICAL BURNS OF THE MOUTH, PHARYNX, ESOPHAGUS AND STOMACH/DIGESTIVE TRACT. KEEP PERSON WARM AND QUIET.

INHALATION: REPEATED OR PROLONGED EXPOSURE TO VAPORS OR SPRAY MISTS CAN RESULT IN HEADACHE, DIZZINESS, INCOORDINATION, NAUSEA, AND LOSS OF CONSCIOUSNESS. SOME REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

4. FIRST AID MEASURES

INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. TRAINED PERSONNEL ONLY SHOULD

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ADMINISTER OXYGEN. PREVENT ASPIRATION OF VOMIT. TURN VICTIMS HEAD TO THE SIDE. ASSURE OPEN AIRWAY. CALL A PHYSICIAN IMMEDIATELY. EYES: HOLD EYELIDS APART AND IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN. SKIN: REMOVE PRODUCT AND IMMEDIATELY FLUSH AFFECTED AREA WITH WATER FOR AT LEAST 15 MINUTES. CONTROL SHOCK IF PRESENT. DISCARD OR LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. CONTAMINATED LEATHER WEAR SHOULD BE DISCARDED. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. ADMINISTER 3-4 GLASSES OF MILK OR WATER. OBTAIN MEDICAL CARE AND HOSPITAL TREATMENT IMMEDIATELY.

NOTE TO PHYSICIANS: NONE FOR THIS MATERIAL.

5. FIRE FIGHTING MEASURES**FLAMMABLE PROPERTIES:**

FLASH POINT:
104F/40C TCC.

FLAMMABLE LIMITS:
LOWER FLAMMABLE LIMIT: 1.00
UPPER FLAMMABLE LIMIT: 14@77F

AUTOIGNITION TEMPERATURE: 490 DEG. F. NOTE: APPROXIMATE.

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

FIREFIGHTING INSTRUCTIONS: DO NOT ENTER ANY ENCLOSED OR CONFINED FIRE SPACE WITHOUT FULL PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS (PRESSURE-DEMAND MSHA/NIOSH APPROVED OR EQUIVALENT) TO PROTECT AGAINST THE HAZARDOUS EFFECTS OF COMBUSTION PRODUCTS AND OXYGEN DEFICIENCY.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: REMOVE ALL SOURCES OF FLAMES, HEATING ELEMENTS, GAS ENGINES, ETC. EMERGENCY CLEAN-UP PERSONNEL SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. IF MATERIAL IS RELEASED OR SPILLED, DAM UP TO PREVENT SPREADING AND CONTAMINATION OF SURFACE WATER, GROUND WATERS AND DRINKING SUPPLIES. NOTIFY LOCAL HEALTH AUTHORITIES AND OTHER APPROPRIATE AGENCIES IF SUCH CONTAMINATION SHOULD OCCUR. SPILLED MATERIAL SHOULD BE CONTAINED AND PLACED INTO STEEL CONTAINERS FOR RECOVERY OR DISPOSAL. VERMICULITE OR OTHER SUITABLE INERT ABSORBENT, SUCH AS SAND OR COMMERCIALY AVAILABLE ABSORBENTS, SHOULD BE SPREAD OVER THE SPILL AREA TO ABSORB AS MUCH OF THE REMAINING PRODUCT AS POSSIBLE. SCOOP UP SOLID ABSORBENT FOR WASTE DISPOSAL. THE SPILL AREA SHOULD THEN BE WASHED DOWN WITH SOAP AND WATER TO DILUTE AND REMOVE REMAINING TRACES OF MATERIAL. CLEAN-UP WASTE WATER SHOULD BE PLACED IN APPROPRIATE CONTAINERS FOR PROPER DISPOSAL. DO NOT ALLOW WASTE WATER TO DRAIN INTO THE SEWER OR GROUND WATER SYSTEMS. VENTILATE AREA TO REMOVE THE REMAINING VAPORS. IF NECESSARY, DECONTAMINATE ALL CLOTHING BY PROPER LAUNDERING.

LARGE SPILL: USE SAME PROCEDURE AS SMALL SPILL.

7. HANDLING AND STORAGE

HANDLING: CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, WILL RETAIN PRODUCT RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. ALWAYS OBEY HAZARD WARNINGS AND HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL. DO NOT PRESSURIZE. PUNCTURE, CUT WELD, BRAZE, SOLDER, DRILL, GRIND, OR OTHERWISE EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICAL CHARGES, ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND/OR EMIT TOXIC VAPORS CAUSING INJURY OR DEATH. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.

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STORAGE: KEEP AWAY FROM HEAT, SPARKS, FLAME, AND OXIDIZERS. STORE IN A COOL DRY, WELL-VENTILATED AREA AWAY FROM INCOMPATIBLE MATERIALS. AVOID BREATHING VAPORS. STORE IN CLOSED CONTAINERS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: IF CURRENT VENTILATION PRACTICES ARE NOT ADEQUATE DURING MIXING AND APPLICATION OPERATIONS TO MINIMIZE EXPOSURE. SPRAY OR ROLL WITH WIND OR FAN CARRYING VAPORS AWAY FROM YOU. TURN OFF HEATING AND/OR AIR CONDITIONING EQUIPMENT TO PREVENT CONTAMINATING BUILDING.

RESPIRATORY PROTECTION: WEAR A NIOSH APPROVED RESPIRATOR APPROPRIATE

SKIN PROTECTION: THE USE OF NITRILE RUBBER GLOVES IMPERMEABLE TO THE SPECIFIC MATERIAL HANDLED IS ADVISED TO PREVENT SKIN CONTACT AND POSSIBLE IRRITATION.

EYE PROTECTION: CHEMICAL GOGGLES. IF SPLASHING MAY OCCUR OR DURING SPRAY OPERATIONS WEAR A FACE SHIELD, UNLESS A FULL FACE PIECE RESPIRATOR IS USED. DO NOT WEAR CONTACT LENSES AS THEY MAY CONTRIBUTE TO THE SEVERITY OF INJURY TO THE EYE FROM EXPOSURE TO LIQUID AND/OR VAPORS AND SPRAY MIST.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 282F/138C **COATING V.O.C.: 3.84 lb/gl**
MELTING POINT: -4F/-20C. **MATERIAL V.O.C.: 3.83 lb/gl**
VAPOR PRESSURE: NO DATA **COATING V.O.C.: 460 g/l**
VAPOR DENSITY: HEAVIER THAN AIR **MATERIAL V.O.C.459 g/l**

SOLUBILITY IN WATER: NEGLIGIBLE
SPECIFIC GRAVITY: .86
PH: N/A
ODOR: PETROLEUM DISTILLATE ODOR.
APPEARANCE: MODERATELY VISCOUS PIGMENTED LIQUID, VARIOUS COLORS.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID): STABLE

INCOMPATIBILITY: STRONG OXIDIZING AGENTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN, SODIUM HYPOCHLORITE OR CALCIUM HYPOCHLORITE.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE AND CARBON DIOXIDE. UNIDENTIFIED ORGANIC COMPOUNDS IN FUMES AND SMOKE MAY BE FORMED DURING COMBUSTION.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

11. TOXICOLOGICAL INFORMATION

EYE: NO DATA.

SKIN: MINERAL SPIRITS: LD50 DRML/RABBIT 15.4G/KG.

INGESTION: MINERAL SPIRITS: LD50 ORAL/RAT 34600MG/KG.

INHALATION: MINERAL SPIRITS: LC50 INHL/RAT 21400MG/M3/4H.

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SUBCHRONIC: IRRITATION EYES, NOSE, THROAT; DIZZINESS; DERMATITIS;
CHEMICAL PNEUMONIA (ASPIRATION LIQUID); IN ANIMALS: KIDNEY DAMAGE.

CHRONIC/CARCINOGENICITY: PROLONGED OR REPEATED EXPOSURES OF MALE RATS TO
INHALATION OF VAPORS PRODUCED KIDNEY DISORDERS AND/OR DAMAGE. A NUMBER OF
HUMAN STUDIES HAS NOT SHOWN CLINICAL EVIDENCE OF AN ASSOCIATION BETWEEN
LIGHT HYDROCARBON VAPORS AND DISEASE.

TERATOLOGY: NO DATA.

REPRODUCTION: NO DATA.

MUTAGENICITY: NO DATA.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: NO DATA AVAILABLE

CHEMICAL FATE INFORMATION: NO DATA.

13. DISPOSAL CONSIDERATIONS

DISPOSE OF UNUSED PRODUCT OR CONTAMINATED PRODUCT AND MATERIALS USED IN CLE
UP SPILLS OR LEAKS IN A MANNER APPROVED FOR THIS MATERIAL. EMPTY
CONTAINERS WILL RETAIN PRODUCT RESIDUE AND VAPORS AND ARE SUBJECT TO PROPER
WASTE DISPOSAL, AS ABOVE.

14. TRANSPORT INFORMATION(NOT MEANT TO BE ALL INCLUSIVE)

DOT INFORMATION: 49 CFR 172.101

DOT DESCRIPTION: COMBUSTABLE MATERIAL

15. REGULATORY INFORMATION(NOT MEANT TO BE ALL INCLUSIVE - SELECTED REGULATIONS)

U.S. FEDERAL REGULATIONS:

STATUS OF SUBSTANCE LISTS: THE CONCENTRATIONS SHOWN IN SECTION II ARE
MAXIMUM FOR CEILING LEVELS (WEIGHT %) TO BE USED FOR CALCULATIONS FOR
REGULATIONS.

FEDERAL EPA: COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND
LIABILITY ACT OF 1980 (CERCLA) REQUIRES NOTIFICATION OF THE NATIONAL
RESPONSE CENTER OF RELEASE OF QUANTITIES OF HAZARDOUS SUBSTANCES EQUAL TO
OR GREATER THAN THE REPORTABLE QUANTITIES (RQs) IN 40 CFR 302.4.

COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL THAT COULD REQUIRE REPORTING
UNDER THE STATUTE ARE:
NONE KNOWN.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III.

REQUIRES EMERGENCY PLANNING BASED ON THRESHOLD PLANNING QUANTITIES (TPQs)
AND RELEASE REPORTING BASED ON REPORTABLE QUANTITIES (RQs) IN 40 CFR 355
(USED FOR SARA 302, 304, 311 AND 312).

COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL THAT COULD REQUIRE REPORTING
UNDER THE STATUTE ARE:
NONE KNOWN.

REQUIRES SUBMISSION OF ANNUAL REPORTS OF RELEASE OF TOXIC CHEMICALS THAT
APPEAR IN 40 CFR 372 (FOR SARA 313). THIS INFORMATION MUST BE INCLUDED IN
ALL MSDSs THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

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COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL THAT COULD REQUIRE REPORTING UNDER THE STATUTE ARE:
NONE KNOWN.

STATE RIGHT TO KNOW:

CALIFORNIA PROPOSITION 65:

NONE KNOWN

IN ADDITION TO THE ABOVE NAMED CHEMICALS, IF ANY, THIS PRODUCT MAY CONTAIN TRACE AMOUNTS OF SOME CHEMICALS CONSIDERED BY THE STATE OF CALIFORNIA TO BE CARCINOGENS OR REPRODUCTIVE TOXICANTS.

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

THE COMPONENTS OF THIS PRODUCT ARE LISTED OR ARE EXCLUDED FROM LISTING ON THE U.S. TOXIC SUBSTANCES CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.

THE REMAINING PERCENTAGE OF UNSPECIFIED INGREDIENTS, IF ANY, ARE NOT CONTAINED IN ABOVE de minimis CONCENTRATIONS AND/OR ARE BELIEVED TO BE NON-HAZARDOUS UNDER THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200), AND MAY CONSIST OF PIGMENTS, FILLERS, DEFOAMERS, WETTING AGENTS, ANTI-BACTERIAL AGENTS, RESINS, DRYERS, WATER AND/OR SOLVENTS IN VARYING CONCENTRATIONS.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: DIVISION 3 OF CLASS B COMBUSTIBLE LIQUIDS.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): NO INFORMATION.

EINECS: NO INFORMATION.

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:
NONE KNOWN.

16. OTHER INFORMATION

MSDS REVISED: 08/18/99

HMIS CODES: H F R P
2 3 0 J

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