SECTION 1

PRODUCT IDENTIFIER FLD150-006 FLOOD ADVANCED WATERPROOFING FINISH - NATURAL
DATE OF PREPARATION JANUARY 17, 2012
PRODUCT USE PROTECTIVE COATING
MANUFACTURED BY: AKZO NOBEL PAINTS LLC, 15885 WEST SPRAGUE ROAD, STRONGSVILLE, OHIO 44136, U.S.A
AKZO NOBEL CANADA INC., 8200 KEELE STREET, CONCORD, ONTARIO L4K 2A5, CANADA.
EMERGENCY AND MSDS TELEPHONE NUMBER: 1-800-545-2643
MSDS PREPARED BY: PRODUCT SAFETY AND COMPLIANCE DEPARTMENT AKZO NOBEL PAINTS LLC

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

	INGREDIENT	WT.%:
CHEMICAL NAME	ACRYLIC COPOLYMER	5-10
COMMON NAME :	ACRYLIC COPOLYMER	
CAS NUMBER:	CONFIDENTIAL	
CHEMICAL NAME	PROPRIETARY BLEND OF HEAT POLYMERIZED LINSEED OIL	5-10
COMMON NAME :	LINSEED OIL BLEND	
CAS NUMBER:	CONFIDENTIAL	
CHEMICAL NAME	LONG OIL ALKYD RESIN	5-10
COMMON NAME :	LONG OIL ALKYD RESIN	
CAS NUMBER:	CONFIDENTIAL	
CHEMICAL NAME	1,2-ETHANEDIOL	1-5
COMMON NAME :	ETHYLENE GLYCOL	
CAS NUMBER:	107-21-1	
CHEMICAL NAME	POLY(OXY-1,2-ETHANEDIYL, ALPHA-4-NONYLPHENYL)-OMEGA-HYDROXY-, BRANCHED	1-5
COMMON NAME :	GLYCOL ETHER	
CAS NUMBER:	127087-87-0	
CHEMICAL NAME	BENZENE, DIMETHYL-	.1-1.0
COMMON NAME :	XYLENE	
CAS NUMBER:	1330-20-7	
CHEMICAL NAME	FORMALDEHYDE	LT .01
COMMON NAME :	FORMALDEHYDE	
CAS NUMBER:	50-00-0	
CHEMICAL NAME	SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC	1-5
COMMON NAME :	MEDIUM ALIPHATIC SOLVENT NAPHTHA	
CAS NUMBER:	64742-88-7	
CHEMICAL NAME	LINSEED OIL, POLYMERIZED	5-10
COMMON NAME :	LINSEED OIL	
CAS NUMBER:	67746-08-1	
CHEMICAL NAME	WATER	60-70
COMMON NAME :	WATER	
CAS NUMBER:	7732-18-5	
CHEMICAL NAME	STODDARD SOLVENT	1-5
COMMON NAME :	MINERAL SPIRITS	
CAS NUMBER:	8052-41-3	

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF EXPOSURE
INHALATION, SKIN CONTACT, EYE CONTACT, INGESTION.
EFFECTS OF OVEREXPOSURE
INHALATION PROLONGED INHALATION MAY LEAD TO LOSS OF APPETITE, MUCOUS MEMBRANE IRRITATION, DROWSINESS, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, VOMITING, CENTRAL NERVOUS SYSTEM DEPRESSION, INTOXICATION, DIFFICULTY OF BREATHING, SEVERE LUNG IRRITATION OR DAMAGE, LIVER DAMAGE, KIDNEY DAMAGE, CONVULSIONS, LOSS OF CONSCIOUSNESS, ASPHYXIATION.

SKIN CONTACT IRRITATION OF SKIN. PROLONGED OR REPEATED CONTACT CAN CAUSE DERMATITIS, DEFATTING. POSSIBLE SENSITIZATION TO SKIN. SKIN CONTACT MAY RESULT IN DERMAL ABSORPTION OF COMPONENT(S) OF THIS PRODUCT WHICH MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

EYE CONTACT IRRITATION OF EYES. PROLONGED OR REPEATED CONTACT CAN CAUSE CONJUNCTIVITIS, TEARING OF EYES, REDNESS OF EYES.

INGESTION INGESTION MAY CAUSE LUNG INFLAMMATION AND DAMAGE DUE TO ASPIRATION OF MATERIAL INTO LUNGS, MOUTH AND THROAT IRRITATION, MUCOUS MEMBRANE IRRITATION, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, VOMITING, DIARRHEA, GASTRO-INTESTINAL DISTURBANCES, SEVERE ABDOMINAL PAIN, APATHY, CENTRAL NERVOUS SYSTEM DEPRESSION, RESPIRATORY PROBLEMS, INTOXICATION, DIFFICULTY OF BREATHING, KIDNEY DAMAGE, PULMONARY EDEMA, CONVULSIONS, LOSS OF CONSCIOUSNESS, ACUTE POISONING, RESPIRATORY FAILURE, CARDIAC FAILURE, BRAIN DAMAGE.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
EYE, SKIN, RESPIRATORY DISORDERS, KIDNEY DISORDERS.

SECTION 4: FIRST-AID MEASURES

INHALATION REMOVE TO FRESH AIR. RESTORE AND SUPPORT CONTINUED BREATHING.
GET EMERGENCY MEDICAL ATTENTION.
HAVE TRAINED PERSON GIVE OXYGEN IF NECESSARY. GET MEDICAL HELP FOR ANY BREATHING DIFFICULTY.

SKIN CONTACT WASH THOROUGHLY WITH SOAP AND WATER. IF ANY PRODUCT REMAINS, GENTLY RUB PETROLEUM JELLY, VEGETABLE OR MINERAL/BABY OIL ONTO SKIN. REPEATED APPLICATIONS MAY BE NEEDED. REMOVE CONTAMINATED CLOTHING.
WASH CONTAMINATED CLOTHING BEFORE RE-USE.
DISPOSE OF CONTAMINATED LEATHER ITEMS, SUCH AS SHOES AND BELTS.

EYE CONTACT FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER, ESPECIALLY UNDER LIDS FOR AT LEAST 15 MINUTES. IF IRRITATION OR OTHER EFFECTS PERSIST, OBTAIN MEDICAL TREATMENT.

INGESTION IF SWALLOWED, OBTAIN MEDICAL TREATMENT IMMEDIATELY.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT (SETA) NONE LOWER EXPLOSIVE LIMIT NOT AVAILABLE
UPPER EXPLOSIVE LIMIT 15.3 (%)

FIRE EXTINGUISHING MEDIA
DRY CHEMICAL OR FOAM
WATER FOG.
CARBON DIOXIDE.

UNUSUAL FIRE AND EXPLOSION HAZARDS
CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT OR FIRE.
VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL LONG DISTANCES TO A SOURCE OF IGNITION AND FLASH BACK.
VAPORS CAN FORM EXPLOSIVE MIXTURES IN AIR AT ELEVATED TEMPERATURES.
CLOSED CONTAINERS MAY BURST IF EXPOSED TO EXTREME HEAT OR FIRE.
RAGS, STEEL WOOL OR WASTE SOAKED WITH THIS MATERIAL MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED.
IMMEDIATELY AFTER USE, PLACE SOAKED RAGS, STEEL WOOL OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER.

FIRE FIGHTING PROCEDURES
WATER MAY BE USED TO COOL AND PROTECT EXPOSED CONTAINERS.
FIREFIGHTERS SHOULD USE FULL PROTECTIVE CLOTHING, EYE PROTECTION, AND SELF-CONTAINED BREATHING APPARATUS.

HAZARDOUS DECOMPOSITION OR COMBUSTION PRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE, ACROLEIN, ALDEHYDES, TOXIC GASES.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

COMPLY WITH ALL APPLICABLE HEALTH AND ENVIRONMENTAL REGULATIONS.
ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA. SPILLS MAY BE COLLECTED WITH ABSORBENT MATERIALS. EVACUATE ALL UNNECESSARY PERSONNEL. PLACE COLLECTED MATERIAL IN PROPER CONTAINER. SPILLED MATERIAL IS EXTREMELY SLIPPERY. COMPLETE PERSONAL PROTECTIVE EQUIPMENT MUST BE USED DURING CLEANUP. LARGE SPILLS - SHUT OFF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN SPILL. PUMP TO STORAGE OR SALVAGE VESSELS. USE ABSORBENT TO PICK UP EXCESS RESIDUE. KEEP SALVAGEABLE MATERIAL AND RINSE WATER OUT OF SEWERS AND WATER COURSES. SMALL SPILLS - USE ABSORBENT TO PICK UP RESIDUE AND DISPOSE OF PROPERLY.

SECTION 7 HANDLING AND STORAGE

HANDLING AND STORAGE

STORE BELOW 100F (38C). KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. KEEP FROM FREEZING.

OTHER PRECAUTIONS

USE ONLY WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND EYES, AND BREATHING OF VAPORS. WASH HANDS THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING OR SMOKING.
KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT WHEN NOT IN USE. EMPTY CONTAINERS MAY CONTAIN HAZARDOUS RESIDUES.
GROUND EQUIPMENT WHEN TRANSFERRING TO PREVENT ACCUMULATION OF STATIC CHARGE.
AVOID SPONTANEOUS COMBUSTION OF CONTAMINATED RAGS AND OTHER EASILY IGNITABLE ORGANIC ACCUMULATIONS.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

COMMON NAME : LINSEED OIL BLEND
CAS NUMBER: CONFIDENTIAL
OSHA(TWA): 5 MG/M3

COMMON NAME : ETHYLENE GLYCOL
CAS NUMBER: 107-21-1
ACGIH(STEL): C 100 MG/M3

COMMON NAME : XYLENE
CAS NUMBER: 1330-20-7
ACGIH(TWA): 100 PPM OSHA(TWA): 100 PPM
ACGIH(STEL): 150 PPM

COMMON NAME : FORMALDEHYDE
CAS NUMBER: 50-00-0
OSHA(TWA): 0.75 PPM
ACGIH(STEL): C 0.3 PPM OSHA(STEL): 2 PPM

COMMON NAME : MEDIUM ALIPHATIC SOLVENT NAPHTHA
CAS NUMBER: 64742-88-7
ACGIH(TWA): 100 PPM OSHA(TWA): 500 X PPM

COMMON NAME : LINSEED OIL
CAS NUMBER: 67746-08-1
OSHA(TWA): 5 MG/M3

COMMON NAME : MINERAL SPIRITS
CAS NUMBER: 8052-41-3
ACGIH(TWA): 100 PPM OSHA(TWA): 500 PPM
X AS PETROLEUM DISTILLATES

RESPIRATORY PROTECTION

CONTROL ENVIRONMENTAL CONCENTRATIONS BELOW APPLICABLE EXPOSURE STANDARDS WHEN USING THIS MATERIAL. WHEN RESPIRATORY PROTECTION IS DETERMINED TO BE NECESSARY, USE A

NIOSH/MSHA (CANADIAN Z94.4) APPROVED ELASTOMERIC SEALING-SURFACE FACEPIECE RESPIRATOR OUTFITTED WITH ORGANIC VAPOR CARTRIDGES AND PAINT SPRAY (DUST/MIST) PREFILTERS. DETERMINE THE PROPER LEVEL OF PROTECTION BY CONDUCTING APPROPRIATE AIR MONITORING. CONSULT 29CFR1910.134 FOR SELECTION OF RESPIRATORS (CANADIAN Z94.4).

VENTILATION: PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO PREVENT BUILD-UP OF VAPORS.
USE EXPLOSION-PROOF EQUIPMENT.

PERSONAL PROTECTIVE EQUIPMENT
EYE WASH, SAFETY SHOWER, SAFETY GLASSES OR GOGGLES.
IMPERVIOUS GLOVES, IMPERVIOUS CLOTHING.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE:	NOT AVAILABLE	SPECIFIC GRAVITY:	1.004
BOILING RANGE (F/C):	212-417/100-214	WEIGHT PER GALLON:	8.36/ 10.04IMP
%VOLATILE BY VOLUME:	74.58		
PHYSICAL STATE:	LIQUID	APPEARANCE	YELLOW
SOLUBILITY IN WATER:	NOT AVAILABLE	PH:	NOT AVAILABLE

SECTION 10: STABILITY AND REACTIVITY

UNDER NORMAL CONDITIONS
STABLE
STABLE BELOW 212 F (100 C).
SEE SECTION 5 FIRE FIGHTING MEASURES

MATERIALS TO AVOID
OXIDIZERS, ACIDS, BASES.
ACETALDEHYDE

CONDITIONS TO AVOID
ELEVATED TEMPERATURES, DRIERS, CONTACT WITH OXIDIZING AGENT, FREEZING, SPARKS, OPEN FLAME, IGNITION SOURCES.

HAZARDOUS POLYMERIZATION
WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

COMMON NAME : ACRYLIC COPOLYMER
CAS NUMBER: CONFIDENTIAL
CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : LINSEED OIL BLEND
CAS NUMBER: CONFIDENTIAL
CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : ETHYLENE GLYCOL
CAS NUMBER: 107-21-1
CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO
LD50: 4700.00 MG/KG ORL RAT
LD50: 5500.00 MG/KG ORL MOU

COMMON NAME : GLYCOL ETHER
CAS NUMBER: 127087-87-0
CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : XYLENE
CAS NUMBER: 1330-20-7
CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO
LD50:>1700.00 MG/KG SKN RBT
LD50: 4300.00 MG/KG ORL RAT
LC50: 5000.00 PPM/4HR IHL RAT

COMMON NAME : FORMALDEHYDE
CAS NUMBER: 50-00-0
CARCINOGENICITY LISTED BY: NTP YES IARC YES 1 OSHA YES ACGIH YES A2
LD50: 100.00 MG/KG ORL RAT
LC50: 203.00 MG/M3 IHL PIG

COMMON NAME : MEDIUM ALIPHATIC SOLVENT NAPHTHA
CAS NUMBER: 64742-88-7
CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

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      LD50:   28.00 GM/KG     SKN RBT
      LD50:   28.00 GM/KG     ORL RAT
COMMON NAME :  LINSEED OIL
CAS NUMBER:    67746-08-1
CARCINOGENICITY LISTED BY: NTP NO      IARC NO      OSHA NO      ACGIH NO
COMMON NAME :  MINERAL SPIRITS
CAS NUMBER:    8052-41-3
CARCINOGENICITY LISTED BY: NTP NO      IARC NO      OSHA NO      ACGIH NO
      LD50:>   3.00 GM/KG     SKN RBT
      LD50:>   5.00 GM/KG     ORL RAT
SUPPLEMENTAL HEALTH INFORMATION
                    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.
CARCINOGENICITY     STODDARD SOLVENT IIC HAS BEEN SHOWN TO CAUSE KIDNEY TUMORS
                    IN MALE RATS IN A NATIONAL TOXICOLOGY PROGRAM (NTP) STUDY.
                    THESE TUMORS WERE ASSOCIATED WITH A SPECIFIC PROTEIN, ALPHA-
                    2U-MICROGLOBULIN. BECAUSE HUMANS DO NOT PRODUCE THIS PROTEIN
                    STODDARD SOLVENT IIC HAS NOT BEEN CLASSIFIED AS A HUMAN
                    CARCINOGEN.
                    CONTAINS FORMALDEHYDE, A POTENTIAL CANCER HAZARD.  RATS
                    EXPOSED TO FORMALDEHYDE VIA INHALATION DEVELOPED CANCER OF
                    THE NASAL CAVITY.  EVIDENCE IN HUMANS IS LIMITED (NASAL AND
                    NASOPHARYNGEAL CANCER).  FORMALDEHYDE IS LISTED AS A
                    CARCINOGEN BY OSHA, PROBABLE HUMAN CARCINOGEN (GROUP 2A) BY
                    IARC, AND A KNOWN HUMAN CARCINOGEN BY NTP.  OVEREXPOSURE CAN
                    CAUSE EYE, SKIN, AND RESPIRATORY TRACT IRRITATION, AND SKIN
                    AND RESPIRATORY SENSITIZATION.
REPRODUCTIVE EFFECTS
                    HIGH EXPOSURES TO XYLENE IN SOME ANIMAL STUDIES, OFTEN AT
                    MATERNALLY TOXIC LEVELS, HAVE AFFECTED EMBRYO/FETAL
                    DEVELOPMENT. THE SIGNIFICANCE OF THIS FINDING TO HUMANS IS
                    NOT KNOWN.
MUTAGENICITY        NO MUTAGENIC EFFECTS ARE ANTICIPATED
TERATOGENICITY      SOME LABORATORY TEST RESULTS HAVE SHOWN ETHYLENE GLYCOL TO
                    BE AN ANIMAL TERATOGEN. HOWEVER, AN EXPERT PANEL CONVENED BY
                    THE NATIONAL TOXICOLOGY PROGRAM'S CENTER FOR THE EVALUATION
                    OF RISKS TO HUMAN REPRODUCTION (CERHR) CONDUCTED A REVIEW OF
                    THE SCIENTIFIC LITERATURE AND CONCLUDED THAT ETHYLENE GLYCOL
                    DOES NOT PRESENT A SIGNIFICANT CONCERN WITH RESPECT TO
                    DEVELOPMENTAL AND REPRODUCTIVE TOXICITY IN HUMANS.
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SECTION 12: ECOLOGICAL INFORMATION

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                    NO ECOLOGICAL TESTING HAS BEEN DONE BY AKZO NOBEL PAINTS LLC
                    ON THIS PRODUCT AS A WHOLE.
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SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL      DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
                    AVOID DISCHARGE TO NATURAL WATERS.
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SECTION 14: TRANSPORT INFORMATION

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DOT                 PAINT**PROTECT FROM FREEZING**
IMDG                NOT AVAILABLE
IATA                NOT AVAILABLE
TDG                 NOT AVAILABLE
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SECTION 15: REGULATORY INFORMATION

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                            SARA SARA CERCLA HAZ AIR   MARINE
                            302  313  302.4  POLLUTANT POLTNT
CAS NUMBER:    107-21-1     NO   YES  YES      YES     NO
COMMON NAME :  ETHYLENE GLYCOL
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CAS NUMBER:	127087−87−0	NO	YES	NO	YES	NO
COMMON NAME :	GLYCOL ETHER					
CAS NUMBER:	1330−20−7	NO	YES	YES	YES	NO
COMMON NAME :	XYLENE					
CAS NUMBER:	50−00−0	YES	YES	YES	YES	NO
COMMON NAME :	FORMALDEHYDE					

AS OF THE DATE OF THIS MSDS, ALL OF THE COMPONENTS IN THIS PRODUCT ARE LISTED (OR ARE OTHERWISE EXEMPT FROM LISTING) ON THE TSCA INVENTORY.

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR (CONTROLLED PRODUCTS REGULATIONS) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

SECTION 16: OTHER INFORMATION

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE AT THE TIME OF PREPARATION OF THIS DATA SHEET AND WHICH AKZO NOBEL PAINTS LLC BELIEVES TO BE RELIABLE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA. AKZO NOBEL PAINTS LLC SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS INFORMATION, OR OF ANY PRODUCT, METHOD OR APPARATUS MENTIONED AND YOU MUST MAKE YOUR OWN DETERMINATION OF ITS SUITABILITY AND COMPLETENESS FOR YOUR OWN USE, FOR THE PROTECTION OF THE ENVIRONMENT, AND THE HEALTH AND SAFETY OF YOUR EMPLOYEES AND USERS OF THIS MATERIAL.

COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29CFR1910.1200.