

SECTION 1

PRODUCT IDENTIFIER FLD900-000 FLD FINISH REMOVER
 DATE OF PREPARATION MAY 30, 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	D-GLYCERO-D-GULO-HEPTONIC ACID, SODIUM SALT (1:1)	1-5
COMMON NAME :	SODIUM GLUCOHEPTONATE	
CAS NUMBER:	13007-85-7	
CHEMICAL NAME	SODIUM HYDROXIDE	5-10
COMMON NAME :	SODIUM HYDROXIDE	
CAS NUMBER:	1310-73-2	
CHEMICAL NAME	2-PROPANOL, 1-(2-BUTOXY-1-METHYLETHOXY)-	5-10
COMMON NAME :	DIPROPYLENE GLYCOL BUTYL ETHER	
CAS NUMBER:	29911-28-2	
CHEMICAL NAME	PROPANOL, (2-METHOXYMETHYLETHOXY)-	1-5
COMMON NAME :	DPG MONOMETHYL ETHER	
CAS NUMBER:	34590-94-8	
CHEMICAL NAME	WATER	60-70
COMMON NAME :	WATER	
CAS NUMBER:	7732-18-5	
CHEMICAL NAME	2-FURANMETHANOL	10-20
COMMON NAME :	FURFURYL ALCOHOL	
CAS NUMBER:	98-00-0	

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF EXPOSURE
 INHALATION, SKIN CONTACT, EYE CONTACT, INGESTION.

EFFECTS OF OVEREXPOSURE

INHALATION IRRITATION OF RESPIRATORY TRACT. PROLONGED INHALATION MAY LEAD TO DROWSINESS, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, VOMITING, CHEST PAIN, CENTRAL NERVOUS SYSTEM DEPRESSION, ANESTHETIC EFFECT OR NARCOSIS, SEVERE RESPIRATORY TRACT IRRITATION, RESPIRATORY TRACT BURNS, LIVER DAMAGE, CONVULSIONS.

SKIN CONTACT IRRITATION OF SKIN.
 THIS MATERIAL MAY CAUSE BURNS ON CONTACT.
 THIS MATERIAL IS CORROSIVE AND MAY CAUSE BURNS ON CONTACT. PROLONGED OR REPEATED CONTACT CAN CAUSE DERMATITIS, SEVERE SKIN IRRITATION OR BURNS. SKIN CONTACT MAY RESULT IN DERMAL ABSORPTION OF COMPONENT(S) OF THIS PRODUCT WHICH MAY CAUSE DROWSINESS, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, VOMITING, CENTRAL NERVOUS SYSTEM DEPRESSION, ANESTHETIC EFFECT OR NARCOSIS, KIDNEY DAMAGE.

EYE CONTACT IRRITATION OF EYES, THIS MATERIAL IS CORROSIVE AND MAY CAUSE BURNS ON CONTACT. PROLONGED OR REPEATED CONTACT CAN CAUSE CONJUNCTIVITIS, REDNESS OF EYES, SEVERE EYE IRRITATION, SEVERE EYE IRRITATION OR BURNS, CORNEAL INJURY, BLINDNESS.

INGESTION INGESTION MAY CAUSE DROWSINESS, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, VOMITING, DIARRHEA, ABDOMINAL PAIN, CENTRAL NERVOUS SYSTEM DEPRESSION,

CENTRAL NERVOUS SYSTEM STIMULATION.
 VOMITING OF BLOOD AND MUCOSA
 BURNS OF THE MOUTH, THROAT, STOMACH, SEVERE IRRITATION OF
 THE MOUTH, THROAT, STOMACH, LIVER DAMAGE, KIDNEY DAMAGE,
 CONVULSIONS.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
 EYE, SKIN, RESPIRATORY DISORDERS, LIVER DISORDERS, NERVOUS
 SYSTEM 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 16.3 (%)

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

UNUSUAL FIRE AND EXPLOSION HAZARDS
 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.
 MAY DECOMPOSE UNDER FIRE CONDITIONS EMITTING IRRITANT AND/OR TOXIC GASES.

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.
 SODIUM OXIDE.

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. 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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

COMMON NAME : SODIUM HYDROXIDE
 CAS NUMBER: 1310-73-2

OSHA(TWA): 2 MG/M3

ACGIH(STEL): C 2 MG/M3

COMMON NAME : DPG MONOMETHYL ETHER
 CAS NUMBER: 34590-94-8

ACGIH(TWA): SKIN 100 PPM

OSHA(TWA): 100 PPM

ACGIH(STEL): 150 PPM

OSHA((SKIN) : SKIN CEILING: SUPP REC STD.: NOT AVAILABLE

COMMON NAME : FURFURYL ALCOHOL
 CAS NUMBER: 98-00-0

ACGIH(TWA): SKIN 10 PPM

OSHA(TWA): 50 PPM

ACGIH(STEL): 15 PPM

SKIN - DENOTES THAT ADDITIONAL EXPOSURE, OVER AND ABOVE
 AIRBORNE EXPOSURE, MAY RESULT FROM SKIN ABSORPTION.

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.

PERSONAL PROTECTIVE EQUIPMENT

EYE WASH, SAFETY SHOWER, SAFETY GLASSES OR GOGGLES.
 IMPERVIOUS GLOVES, IMPERVIOUS CLOTHING, FACE SHIELD, APRON,
 BOOTS.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE:	NOT AVAILABLE	SPECIFIC GRAVITY:	1.081
BOILING RANGE (F/C):	212-380/100-193	WEIGHT PER GALLON:	9.00/ 10.81IMP
%VOLATILE BY VOLUME:	95.13		
PHYSICAL STATE:	LIQUID	APPEARANCE	RED
SOLUBILITY IN WATER:	NOT AVAILABLE	PH:	13.50

SECTION 10: STABILITY AND REACTIVITY

UNDER NORMAL CONDITIONS

STABLE
 SEE SECTION 5 FIRE FIGHTING MEASURES

MATERIALS TO AVOID

OXIDIZERS, ACIDS, BASES, HALOGENS, METALS, PEROXIDES, METAL

SALTS, HALOGENATED COMPOUNDS, COMBUSTIBLE MATERIALS.
 REACTIVE METALS

CONDITIONS TO AVOID

ELEVATED TEMPERATURES, CONTACT WITH OXIDIZING AGENT,
 FREEZING, SPARKS, OPEN FLAME, EXPOSURE TO LIGHT, IGNITION
 SOURCES.

CONTACT WITH COMBUSTIBLE MATERIALS

HAZARDOUS POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

COMMON NAME : SODIUM GLUCOHEPTONATE

CAS NUMBER: 13007-85-7

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : SODIUM HYDROXIDE

CAS NUMBER: 1310-73-2

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

LD50: 1350.00 MG/KG SKN RBT

LD50: 500.00 MG/KG ORL RAT

COMMON NAME : DIPROPYLENE GLYCOL BUTYL ETHER

CAS NUMBER: 29911-28-2

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

LD50:>2000.00 MG/KG SKN RBT

LD50: 4400.00 MG/KG ORL RAT

COMMON NAME : DPG MONOMETHYL ETHER

CAS NUMBER: 34590-94-8

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

LD50: 5.40 ML/KG ORL RAT

LD50: 10.00 ML/KG SKN RBT

COMMON NAME : FURFURYL ALCOHOL

CAS NUMBER: 98-00-0

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

LD50: 177.00 MG/KG ORL RAT

LD50: 400.00 MG/KG SKN RBT

LC50: 3825.00 MG/KG IHL RAT

SUPPLEMENTAL HEALTH INFORMATION

THIS MATERIAL IS CORROSIVE; AVOID CONTACT.
 CONTAINS A CHEMICAL THAT MAY BE ABSORBED THROUGH SKIN.
 CONTACT WITH EYES MAY CAUSE PERMANENT INJURY.
 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.
 OTHER EFFECTS OF OVEREXPOSURE MAY INCLUDE TOXICITY TO LIVER,
 KIDNEY.

CARCINOGENICITY CONTAINS A CHEMICAL WHICH IS A POSSIBLE CANCER HAZARD BASED
 ON TESTS WITH LABORATORY ANIMALS.

D-LIMONENE 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,
 D-LIMONENE HAS NOT BEEN CLASSIFIED AS A HUMAN CARCINOGEN.

REPRODUCTIVE EFFECTS

NO REPRODUCTIVE EFFECTS ARE ANTICIPATED

MUTAGENICITY

NO MUTAGENIC EFFECTS ARE ANTICIPATED

TERATOGENICITY

NO TERATOGENIC EFFECTS ARE ANTICIPATED

SECTION 12: ECOLOGICAL INFORMATION

NO ECOLOGICAL TESTING HAS BEEN DONE BY AKZO NOBEL PAINTS LLC
 ON THIS PRODUCT AS A WHOLE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
AVOID DISCHARGE TO NATURAL WATERS.

SECTION 14: TRANSPORT INFORMATION

DOT UN2922,CORROSIVE LIQUIDS,TOXIC,N.O.S.,
(SODIUM HYDROXIDE,ALCOHOL),8(6.1),PGII
IMDG UN2922,CORROSIVE LIQUID,TOXIC,N.O.S.,(SODIUM HYDROXIDE,
ALCOHOL),8(6.1),PGII
IATA NOT AVAILABLE
TDG NOT AVAILABLE

SECTION 15: REGULATORY INFORMATION

		SARA	SARA	CERCLA	HAZ	AIR	MARINE
		302	313	302.4	POLLUTANT	POLTNT	
CAS NUMBER:	1310-73-2	NO	NO	YES	NO	NO	
COMMON NAME :	SODIUM HYDROXIDE						

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.