

M A T E R I A L S A F E T Y D A T A S H E E T

PERFECT-O VAN DYKE BROWN

PAGE: 1

PRODUCT NAME: PERFECT-O VAN DYKE BROWN
PRODUCT CODE: 1612

HMIS CODES: H F R P
2*2 0 H

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: WOOD KOTE PRODUCTS INC.
ADDRESS : 8000 NE 14TH PLACE
PORTLAND, OR 97211

EMERGENCY PHONE : (800) 535-5053 DATE PRINTED : 10/01/10
INFORMATION PHONE : (503) 285-8371 NAME OF PREPARER : C. JENKINS

===== SECTION II - COMPOSITION/ INFORMATION ON INGREDIENTS=====

IRON OXIDE
CAS-NO. 1332-37-2 PERCENT (WT./ WT.) 10 - 30 %
STODDARD SOLVENT; LOW BOILING POINT NAPHTHA - UNSPECIFIED
CAS-NO. 8052-41-3 PERCENT (WT./ WT.) 10 - 30 %
AMORPHOUS SILICA
CAS NO. 63231-67-4 (WT./ WT.) 5 - 10 %
TALC, MAGNESIUM SILICATE HYDRATE
CAS NO. 14807-96-6 PERCENT (WT./ WT.) 5 - 10 %
CARBON BLACK, AMORPHOUS
CAS NO. 1333-86-4 PERCENT (WT./ WT.) 1 - 5 %
MANGANESE TRIOXIDE
CAS-NO. 1317-34-6 PERCENT (WT./ WT.) 1 - 5 %
SILICA, CRYSTALLINE (QUARTZ)
CAS-NO. 14808-60-7 PERCENT (WT./ WT.) 1 - 5 %

OTHER INFORMATION
THIS MATERIAL IS CLASSIFIED AS HAZARDOUS UNDER OSHA REGULATIONS.

===== SECTION III - HAZARDS IDENTIFICATION =====

*** EMERGENCY OVERVIEW ***
FORM-PASTE COLOR BROWN ODOR- PETROLEUM DISTILLATE ODOR
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
COMBUSTIBLE LIQUID AND VAPOR.

POTENTIAL HEALTH EFFECTS

EYE CONTACT
IRRITATING. MAY CAUSE TEARING, REDDENING AND/OR SWELLING.

SKIN CONTACT
A MODERATE SKIN IRRITANT BASED ON TESTING OF SIMILAR MIXTURES. PROLONGED OR REPEATED CONTACT MAY RESULT IN DEFATTING AND DRYING OF THE SKIN CAUSING IRRITATION AND DERMATITIS.

INHALATION
POSSIBLY IRRITATING.
EXCESSIVE INHALATION OF SOLVENT VAPORS MAY CAUSE NASAL AND RESPIRATORY IRRITATION AND CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS AND EVEN DEATH.

INGESTION

MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

CHRONIC HEALTH HAZARD

HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM HYDROCARBONS POSE POTENTIAL HUMAN HEALTH RISKS WHICH MAY VARY FROM PERSON TO PERSON. AS A PRECAUTION, EXPOSURE TO LIQUIDS, VAPORS, MISTS OR FUMES SHOULD BE MINIMIZED.

PROLONGED INHALATION OF IRON OXIDE DUST IS KNOWN TO PRODUCE A CONDITION KNOWN AS SIDEROSIS. ON XRAYS IT APPEARS TO BE A BENIGN PNEUMOCONIOSIS AND IS NOT ASSOCIATED WITH PULMONARY FIBROSIS OR DISABILITY UNLESS THERE IS CONCURRENT EXPOSURE TO OTHER FIBROSIS PRODUCING MATERIALS SUCH AS SILICA.

OVEREXPOSURE TO CRYSTALLINE SILICA DUST CAUSES LUNG EFFECTS. THERE IS SUFFICIENT EVIDENCE IN HUMANS FOR THE CARCINOGENICITY OF INHALED CRYSTALLINE SILICA (IARC 1, OSHA).

CRYSTALLINE SILICA HAS BEEN ASSIGNED THE A2 CARCINOGEN DESIGNATION, SUSPECTED HUMAN CARCINOGEN, BY ACGIH. REPEATED INHALATION OF CRYSTALLINE SILICA MAY CAUSE KIDNEY DISEASE, AUTO-IMMUNE DISEASE, AND LYMPH NODE EFFECTS.

LONG TERM OR REPEATED EXPOSURE TO AMORPHOUS SILICA HAS CAUSED LUNG EFFECTS IN ANIMALS. SHORT TERM EXPOSURES TO TALC MAY CAUSE LUNG IRRITATION. LONG TERM EXCESSIVE EXPOSURE TO TALC DUST MAY CAUSE TALCOSIS, A PULMONARY FIBROSIS WHICH IN TURN MAY LEAD TO SEVERE AND PERMANENT DAMAGE TO THE LUNGS. NTP TOXICOLOGY AND CARCINOGENESIS STUDIES OF TALC REVEALED THAT THERE IS SOME EVIDENCE OF CARCINOGENIC ACTIVITY IN MALE RATS AND CLEAR EVIDENCE OF CARCINOGENIC ACTIVITY IN FEMALE RATS. THERE WAS NO EVIDENCE OF CARCINOGENIC ACTIVITY IN MALE OR FEMALE MICE.

SOME STUDIES HAVE LINKED EXPOSURE OF CARBON BLACK DUST TO LUNG EFFECTS. IARC CLASSIFIES CARBON BLACK AS A CATEGORY 2B CARCINOGEN (KNOWN ANIMAL CARCINOGEN, POSSIBLE HUMAN CARCINOGEN) BASED ON INHALATION STUDIES. HOWEVER, THE MANUFACTURERS OF CARBON BLACK STATE THAT EPIDEMIOLOGIC STUDIES OF WORKERS IN THE CARBON BLACK INDUSTRY IN THE U.S. AND W. EUROPE SHOW NO SIGNIFICANT ADVERSE HEALTH EFFECTS DUE TO OCCUPATIONAL EXPOSURE. BECAUSE THIS PRODUCT IS A FREE-FLOWING LIQUID OR PASTE, DUST INHALATION IS NOT AN EXPECTED ROUTE OF EXPOSURE.

===== SECTION IV - FIRST AID MEASURES =====

INHALATION

IF INHALED, REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF UNCONSCIOUS, EVALUATE THE NEED FOR ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL ATTENTION.

SKIN CONTACT

IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. THOROUGHLY WASH CLOTHING, SHOES AND PROTECTIVE EQUIPMENT BEFORE REUSE OR DISCARD. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

EYE CONTACT

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 30 MINUTES, WHILE HOLDING EYELIDS APART. DO NOT ALLOW CONTAMINATED WATER TO CONTACT THE UNAFFECTED EYE OR FACE DURING IRRIGATION OF AN AFFECTED EYE. OBTAIN MEDICAL ATTENTION IMMEDIATELY.

===== SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION =====

COMPONENT OCCUPATIONAL EXPOSURE GUIDELINES**CARBON BLACK, AMORPHOUS**

CAS NO. 1333-86-4

3.5 MG/M3 TIME WEIGHTED AVERAGE (TWA): (ACGIH)

3.5 MG/M3 PEL (OSHA Z1)

3.5 MG/M3 PERMISSABLE EXPOSURE LIMIT (PEL) :(US CA OEL)

STODDARD SOLVENT; LOW BOILING POINT NAPHTHA - UNSPECIFIED

CAS-NO. 8052-41-3

100 PPM TIME WEIGHTED AVERAGE (TWA): (ACGIH)

500 PPM

2900 MG/M3

PEL:(OSHA Z1)

100 PPM

525 MG/M3

TIME WEIGHTED AVERAGE (TWA)PERMISSIBLE EXPOSURE LIMIT (PEL):(US CA OEL)

TALC, MAGNESIUM SILICATE HYDRATE

CAS NO. 14807-96-6

2 MG/M3 TIME WEIGHTED AVERAGE (TWA): (ACGIH)

RESPIRABLE FRACTION

THE VALUE IS FOR PARTICULATE MATTER CONTAINING NO ASBESTOS AND <1% CRYSTALLINE SILICA.

5MG/M3 PEL:(OSHA Z1)

RESPIRABLE FRACTION

15 MG/M3 PEL:(OSHA Z1)

TOTAL DUST

2 MG/M3 TIME WEIGHTED AVERAGE (TWA) PERMISSIBLE EXPOSURE LIMIT (PEL):(US CA OEL)

RESPIRABLE DUST.

20MILLIONS OF PARTICLES PER CUBIC FOOT OF AIR

TIME WEIGHTED AVERAGE (TWA):(Z3)

2.4MILLIONS OF PARTICLES PER CUBIC FOOT OF AIR

TIME WEIGHTED AVERAGE (TWA):(Z3)

RESPIRABLE.

THE VALUE IS CALCULATED FROM A SPECIFIED EQUATION USING A VALUE OF 100%. LOWER VALUES OF % WILL GIVE HIGHER EXPOSURE LIMITS. SEE REGULATION FOR SPECIFIC EQUATION.

0.1 MG/M3 TIME WEIGHTED AVERAGE (TWA):(Z3)

RESPIRABLE.

THE VALUE IS CALCULATED FROM A SPECIFIED EQUATION USING A VALUE OF 100%. LOWER VALUES OF % WILL GIVE HIGHER EXPOSURE LIMITS. SEE REGULATION FOR SPECIFIC EQUATION.

0.3 MG/M3 TIME WEIGHTED AVERAGE (TWA):(Z3)

TOTAL DUST.

THE VALUE IS CALCULATED FROM A SPECIFIED EQUATION USING A VALUE OF 100%. LOWER VALUES OF % WILL GIVE HIGHER EXPOSURE LIMITS. SEE REGULATION FOR SPECIFIC EQUATION.

AMORPHOUS SILICA

CAS-NO. 7631-86-9

20MILLIONS OF PARTICLES

PER CUBIC FOOT OF AIR

TIME WEIGHTED AVERAGE (TWA):(Z3)

0.8 MG/M3 TIME WEIGHTED AVERAGE (TWA):(Z3)

THE VALUE IS CALCULATED FROM A SPECIFIED EQUATION USING A VALUE OF 100%. LOWER

VALUES OF % WILL GIVE HIGHER EXPOSURE LIMITS. SEE REGULATION FOR SPECIFIC EQUATION.

10 MG/M3 TIME WEIGHTED AVERAGE (TWA):(ACGIH)
INHALABLE PARTICLES.

3 MG/M3 TIME WEIGHTED AVERAGE (TWA):(ACGIH)
RESPIRABLE PARTICLES.

5 MG/M3 PEL:(OSHA Z1)
RESPIRABLE FRACTION.

15 MG/M3 PEL:(OSHA Z1)

SILICA, CRYSTALLINE (QUARTZ)

CAS-NO. 14808-60-7

0.05 MG/M3 TIME WEIGHTED AVERAGE (TWA):(ACGIH)
RESPIRABLE PARTICLES.

0.05 MG/M3 TIME WEIGHTED AVERAGE (TWA):(ACGIH)
RESPIRABLE FRACTION.

RESPIRABLE FRACTION.

15 MG/M3 PEL:(OSHA Z1)

TOTAL DUST.

0.025 MG/M3 TIME WEIGHTED AVERAGE (TWA):(ACGIH NIC)

2.4MILLIONS OF PARTICLES

PER CUBIC FOOT OF AIR

TIME WEIGHTED AVERAGE (TWA):(Z3)

RESPIRABLE.

THE VALUE IS CALCULATED FROM A SPECIFIED EQUATION USING A VALUE OF 100%. LOWER VALUES OF % WILL GIVE HIGHER EXPOSURE LIMITS. SEE REGULATION FOR SPECIFIC EQUATION.

0.1 MG/M3 TIME WEIGHTED AVERAGE (TWA):(Z3)

IRON OXIDE

CAS-NO. 1332-37-2

(Z3)

RESPIRABLE FRACTION.

LISTED.

5 MG/M3 PEL:(OSHA Z1)

RESPIRABLE FRACTION.

15 MG/M3 PEL:(OSHA Z1)

TOTAL DUST.

3 MG/M3 TIME WEIGHTED AVERAGE (TWA):(ACGIH)

RESPIRABLE PARTICLES.

10 MG/M3 TIME WEIGHTED AVERAGE (TWA):(ACGIH)

INHALABLE PARTICLES.

MANGANESE TRIOXIDE

CAS NO. 1317-34-6

5 MG/M3 AS MN CEILING LIMIT VALUE: (OSHA Z1)

0.2 MG/M3 AS MN TIME WEIGHTED AVERAGE (TWA): PERMISSABLE EXPOSURE LIMIT
(PEL) :(US CA OEL)

0.2 MG/M3 AS MN TIME WEIGHTED AVERAGE (TWA): (ACGIH)

0.03 MG/M3 AS MN TIME WEIGHTED AVERAGE (TWA): (ACGIH NIC)

AS MN (ACGIH NIC)

INCLUDED IN REGULATORY LIST BUT WITH NO DATA VALUES - SEE FULL TEXT OF REGULATION FOR FURTHER DETAILS.

OTHER INFORMATION

EXPOSURE VALUES FOR MINERAL SPIRITS (CAS# 8052-41-3) ARE GIVEN AS STODDARD SOLVENT. THE OSHA TWA AND ACGIH TWA EXPOSURE VALUES FOR TALC ARE FOR ASBESTOS FREE TALC EXPRESSED AS MILLIONS OF PARTICLES PER CUBIC FOOT (MPPCF). THE OSHA TWA EXPOSURE VALUE FOR AMORPHOUS SILICA IS EXPRESSED AS MILLIONS OF PARTICLES PER CUBIC FOOT (MPPCF). THE EXPOSURE VALUE FOR CRYSTALLINE SILICA IS FOR THE RESPIRABLE FRACTION.

ENGINEERING MEASURES

USE EXPLOSION-PROOF VENTILATION EQUIPMENT.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION

A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA 1910.134 AND ANSI Z88.2 OR APPLICABLE FEDERAL/PROVINCIAL REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT RESPIRATOR USE. NIOSH'S "RESPIRATOR DECISION LOGIC" MAY BE USEFUL IN DETERMINING THE SUITABILITY OF VARIOUS TYPES OF RESPIRATORS.

HAND PROTECTION

USE IMPERMEABLE GLOVES.

EYE PROTECTION

CHEMICAL RESISTANT GOGGLES MUST BE WORN.

SKIN AND BODY PROTECTION

A SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE READILY AVAILABLE. TO IDENTIFY ADDITIONAL PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIREMENTS, IT IS RECOMMENDED THAT A HAZARD ASSESSMENT IN ACCORDANCE WITH THE OSHA PPE STANDARD (29CFR1910.132) BE CONDUCTED BEFORE USING THIS PRODUCT.

===== SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES =====

FORM PASTE

COLOR BROWN

ODOR PETROLEUM DISTILLATE ODOR.

SAFETY DATA

BOILING POINT/RANGE > 149 °C

FLASH POINT 45.11 °C

METHOD: PENSKY-MARTENS CLOSED CUP

RELATIVE DENSITY 1.3 25 °C)

SOLUBILITY/QUALITATIVE SOLUBILITY IN WATER: SLIGHT.

VISCOSITY, DYNAMIC 60-80 KU (25 °C)

SOLVENTS AND VOLATILES DATA

% VOC (GM/L) 212.00

EVAPORATION RATE SLOWER THAN BUTYL ACETATE

===== SECTION X - STABILITY AND REACTIVITY =====

CONDITIONS TO AVOID: AVOID HIGH TEMPERATURES AND SOURCES OF IGNITION.

MATERIALS TO AVOID: OXIDIZING SUBSTANCES,

===== SECTION XI - TOXICOLOGICAL INFORMATION =====

COMPONENT ACUTE ORAL TOXICITY

IRON OXIDE

1309-37-1

LD50 RAT: > 5000 MG/KG

STODDARD SOLVENT; LOW BOILING POINT NAPHTHA - UNSPECIFIED

8052-41-3

LD50 RAT: > 5000 MG/KG

AMORPHOUS SILICA

7631-86-9

LD50 RAT: > 31600 MG/KG

CARBON BLACK, AMORPHOUS

1333-86-4

LD50 RAT: > 10000 MG/KG

COMPONENT ACUTE INHALATION TOXICITY

STODDARD SOLVENT; LOW BOILING POINT NAPHTHA - UNSPECIFIED

8052-41-3

LC50 RAT: > 5500 MG/M3 / 4 H

CARBON BLACK, AMORPHOUS

1333-86-4

LC50 RAT: 6750 MG/M3 / 4 H

COMPONENT ACUTE DERMAL TOXICITY

STODDARD SOLVENT; LOW BOILING POINT NAPHTHA - UNSPECIFIED

8052-41-3

LD50 RABBIT: > 3000 MG/KG

AMORPHOUS SILICA

LD50 RABBIT: > 2000 MG/KG

COMPONENT REPEATED DOSE TOXICITY

AMORPHOUS SILICA

7631-86-9

LONG TERM OR REPEATED EXPOSURE TO AMORPHOUS SILICA HAS CAUSED LUNG EFFECTS IN ANIMALS.

TALC, MAGNESIUM SILICATE HYDRATE

14807-96-6

INHALATION RAT(MALE)

TESTING PERIOD: 791 D

LOAEL: 0.006 MG/L

TARGET ORGAN/EFFECT: LUNGS

COMPONENT MUTAGENICITY ASSESSMENT

CARBON BLACK, AMORPHOUS

1333-86-4

THIS PRODUCT CONTAINS ONE OR MORE INGREDIENTS THAT HAVE BEEN SHOWN TO PRODUCE MUTAGENIC EFFECTS IN IN VITRO TESTING.

COMPONENT CARCINOGENICITY ASSESSMENT

TALC, MAGNESIUM SILICATE HYDRATE

14807-96-6

SHORT TERM EXPOSURES TO TALC MAY CAUSE LUNG IRRITATION. LONG TERM EXCESSIVE EXPOSURE TO TALC DUST MAY CAUSE TALCOSIS, A PULMONARY FIBROSIS WHICH IN TURN MAY LEAD TO SEVERE AND PERMANENT DAMAGE TO THE LUNGS.

NTP TOXICOLOGY AND CARCINOGENESIS STUDIES OF TALC REVEALED THAT THERE IS

SOME EVIDENCE OF CARCINOGENIC ACTIVITY IN MALE RATS AND CLEAR EVIDENCE OF CARCINOGENIC ACTIVITY IN FEMALE RATS. THERE WAS NO EVIDENCE OF CARCINOGENIC ACTIVITY IN MALE OR FEMALE MICE.

CARBON BLACK, AMORPHOUS

1333-86-4

SOME STUDIES HAVE LINKED EXPOSURE OF CARBON BLACK DUST TO LUNG EFFECTS. IARC CLASSIFIES CARBON BLACK AS A CATEGORY 2B CARCINOGEN (KNOWN ANIMAL CARCINOGEN, POSSIBLE HUMAN CARCINOGEN) BASED ON INHALATION STUDIES.

HOWEVER, THE MANUFACTURERS OF CARBON BLACK STATE THAT EPIDEMIOLOGIC STUDIES OF WORKERS IN THE CARBON BLACK INDUSTRY IN THE U.S. AND W. EUROPE SHOW NO SIGNIFICANT ADVERSE HEALTH EFFECTS DUE TO OCCUPATIONAL EXPOSURE.

SILICA, CRYSTALLINE (QUARTZ)

14808-60-7

CONTAINS A COMPONENT WHICH IS CLASSIFIED AS AN IARC GROUP 1 CARCINOGEN (CARCINOGENIC TO HUMANS).

PRODUCT GENERAL TOXICITY

INFORMATION

CRYSTALLINE SILICA HAS SHOWN POSITIVE RESULTS IN "IN VITRO" SCREENING TESTS FOR MUTAGENICITY.

===== SECTION XII - ECOLOGICAL INFORMATION =====

GENERAL ECOLOGICAL INFORMATION NO ECOTOXICOLOGICAL STUDIES ARE AVAILABLE.

===== SECTION XIII - DISPOSAL CONSIDERATIONS =====

WASTE DISPOSAL

ADVICE ON DISPOSAL: WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, PROVINCIAL AND LOCAL REGULATIONS. CONTAINER DISPOSAL: EMPTY CONTAINERS BY REMOVING THE TOP AND INVERTING TO ALLOW ALL FREE FLOWING PRODUCT TO DRAIN. TO MEET REGULATORY CRITERIA, THE CONTAINER IS CONSIDERED EMPTY WHEN LESS THAN 3% REMAINS IN THE CONTAINER. ADDITIONAL SPECIAL HANDLING IS NOT TYPICALLY REQUIRED AND THE EMPTY CONTAINER CAN BE DISCARDED WITH OTHER NONHAZARDOUS TRASH. NOTE: LOCAL DISPOSAL REGULATIONS MAY BE MORE STRINGENT AND REQUIRE ADDITIONAL RESTRICTIONS OR PRECAUTIONS. CUSTOMERS SHOULD CHECK WITH THEIR LOCAL DISPOSAL COMPANY, MUNICIPAL OR STATE AUTHORITY. RECYCLE OF PLASTIC OR METAL CONTAINERS MAY REQUIRE CLEAN RATHER THAN EMPTY CONTAINERS. IN THIS CASE THE CONTAINERS CAN BE RINSED WITH MINERAL SPIRITS UNTIL THE CONTAINERS ARE CONSIDERED GENERALLY PRODUCT FREE.

===== SECTION XIV - TRANSPORT INFORMATION =====

SEA TRANSPORT IMDG-CODE

CLASS 3

UN-NO 1263

PACKAGING GROUP III

EMS F-E, S-E

PROPER TECHNICAL NAME (PROPER SHIPPING NAME)

PAINT RELATED MATERIAL

AIR TRANSPORT ICAO-TI/IATA-DGR

CLASS 3

UN-NO 1263

PACKAGING GROUP III

PROPER TECHNICAL NAME (PROPER SHIPPING NAME)

PAINT RELATED MATERIAL

LOADING INSTRUCTIONS/REMARKS

IATA_C ERG-CODE 3L

IATA_P ERG-CODE 3L

CFR_INWTR IN THE U.S. THIS MATERIAL MAY BE CLASSIFIED AS COMBUSTIBLE LIQUID.

COMBUSTIBLE LIQUIDS ARE NOT REGULATED IN PACKAGES 450 LITERS OR LESS.

THIS APPLIES FOR SHIPMENTS BY ROAD AND RAIL ONLY.

CFR_RAIL IN THE U.S. THIS MATERIAL MAY BE CLASSIFIED AS COMBUSTIBLE LIQUID.

COMBUSTIBLE LIQUIDS ARE NOT REGULATED IN PACKAGES 450 LITERS OR LESS.

THIS APPLIES FOR SHIPMENTS BY ROAD AND RAIL ONLY.

CFR_ROAD IN THE U.S. THIS MATERIAL MAY BE CLASSIFIED AS COMBUSTIBLE LIQUID.

COMBUSTIBLE LIQUIDS ARE NOT REGULATED IN PACKAGES 450 LITERS OR LESS.

THIS APPLIES FOR SHIPMENTS BY ROAD AND RAIL ONLY.

===== SECTION XV - REGULATORY INFORMATION =====

US FEDERAL REGULATIONS

OSHA

IF LISTED BELOW, CHEMICAL SPECIFIC STANDARDS APPLY TO THE PRODUCT OR COMPONENTS:

- NONE LISTED

CLEAN AIR ACT SECTION (112)

IF LISTED BELOW, COMPONENTS PRESENT AT OR ABOVE THE DE MINIMUS LEVEL ARE

HAZARDOUS AIR POLLUTANTS:

- NONE LISTED

CERCLA REPORTABLE QUANTITIES

IF LISTED BELOW, A REPORTABLE QUANTITY (RQ) APPLIES TO THE PRODUCT BASED ON THE

PERCENT OF THE NAMED

COMPONENT:

- NONE LISTED

SARA TITLE III SECTION 311/312 HAZARD CATEGORIES

THE PRODUCT MEETS THE CRITERIA ONLY FOR THE LISTED HAZARD CLASSES:

- ACUTE HEALTH HAZARD
- CHRONIC HEALTH HAZARD
- FIRE HAZARD

SARA TITLE III SECTION 313 REPORTABLE SUBSTANCES

IF LISTED BELOW, COMPONENTS ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION

313 OF TITLE III OF THE

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

- NONE LISTED

TOXIC SUBSTANCES CONTROL ACT (TSCA)

IF LISTED BELOW, NON-PROPRIETARY SUBSTANCES ARE SUBJECT TO EXPORT NOTIFICATION

UNDER SECTION 12 (B) OF

TSCA:

- NONE LISTED

STATE REGULATIONS

CALIFORNIA PROPOSITION 65

A WARNING UNDER THE CALIFORNIA DRINKING WATER ACT IS REQUIRED ONLY IF LISTED

BELOW:

- NONE LISTED

INTERNATIONAL CHEMICAL INVENTORY STATUS

UNLESS OTHERWISE NOTED, THIS PRODUCT IS IN COMPLIANCE WITH THE INVENTORY LISTING OF THE COUNTRIES SHOWN BELOW. FOR INFORMATION ON LISTING FOR COUNTRIES NOT SHOWN,

CONTACT DEGUSSA CORPORATION PRODUCT

REGULATORY DEPARTMENT:

- EUROPE (EINECS/ELINCS) LISTED/REGISTERED
- USA (TSCA) LISTED/REGISTERED
- CANADA (DSL) LISTED/REGISTERED
- AUSTRALIA (AICS) LISTED/REGISTERED
- JAPAN (MITI) NOT LISTED/NOT REGISTERED
- KOREA (TCCL) NOT LISTED/NOT REGISTERED
- PHILIPPINES (PICCS) NOT LISTED/NOT REGISTERED
- CHINA LISTED/REGISTERED

===== SECTION XVI- DISCLAIMER =====

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. WOOD KOTE PRODUCTS MAKES NO WARRANTY, EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. WOOD KOTE PRODUCTS ASSUMES NO RESPONSIBILITY FOR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.