View NSN Online: https://aerobasegroup.ae/nsn/8010-01-141-2414

Product ID:MIL-C-46168D, PART B 4:1 BLEND MSDS Date:11/17/1988 FSC:8010 NIIN:01-141-2414 Kit Part:Y MSDS Number: BHYLG === Responsible Party === Company Name: NILES CHEMICAL PAINT COMPANY Address:225 FORT STREET Box:307 City:NILES State:MI ZIP:49120 Country:US Info Phone Num:616-683 -3377 (INFORMATION) Emergency Phone Num:219-236-5856 (24 HOURS) Preparer's Name: MIKE LICHATOWICH CAGE:02388 === Contractor Identification === Company Name: NILES CHEMICAL PAINT Address:225 FORT STREET Box:307 City:NILES State:MI ZIP:49120 Country:US Phone:616-683-3377/219-236-5856 CAGE:02388

======= Composition/Information on Ingredients ==========

Ingred Name:HOMOPOLYMER OF HDI (VAPOR PRESSURE 7.5E-5 MM @ 20C) CAS:28182-81-2 RTECS #:NQ9170000 Fraction by Wt: 75% OSHA PEL:NE ACGIH TLV:NE

Ingred Name:1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE) CAS:822-06-0 RTECS #:MO1740000 Fraction by Wt: 0.7% ACGIH TLV:0.005 PPM; 9192 EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III) CAS:1330-20-7 RTECS #:ZE2100000 Fraction by Wt: 12.5% OSHA PEL:100 PPM/150 STEL ACGIH TLV:100 PPM/150STEL;9192 EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ACETATE (SARA III) CAS:123-86-4 RTECS #:AF7350000 Fraction by Wt: 12.5% OSH A PEL:150 PPM/200 STEL ACGIH TLV:150 PPM/200STEL;9192 EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name:VOLATILE ORGANIC CMPD 2.21 LB/GAL RTECS #:9999999VO

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:EXPOSURE MAY LEAD TO BRONCHITIS, BRONCHIAL SPASM, & PULMONARY EDEMA. CHEMICAL OR HYPERSENSITIVE PNEUMONITIS W/FLU L IKE SYMPTOMS. VOMITING MAY CAUSE ASPIRATIONOF THE SOLVENT RESULTING IN CHEMICAL PNE UMONITIS. CONTACT W/BUTYL ACETATE OR XYLENE CAN RESULT IN DRY, DEFATTED, & CRACKED SKIN CAUSING SUSCEPT. TO INFECTIONS.

Effects of Overexposure:EYE: IRRIT.,TEARING,REDDENING, & SWELLING ALONG W/STINGING & DUST SENSATION SKIN: REDDENING,SWELLING,RASH,SCALING, OR BLISTERING, & DERMATITIS

INHAL: IRRIT. THE MUCOUS MEMBRANES IN NO

SE,THROAT,LUNGS,COUGHING,CHST DISCOMFORTINGST: IRRI T. & CORROSIVE

ACTION TO MOUTH, STOMACH TISSUE, & DIGESTIVE TRACK. Medical Cond Aggravated by Exposure: ASTHMA, RESPIRATORY DISORDERS SUCH AS BRONCHITIS, EMPHYSEMA, & HYPERRACTIVITY, SKIN ALLERGIES, AND ECZMA.

First Aid:EYE: FLUSH W/CLN LKWRM WTR,LW PRESS FOR 15 MINS,LIFTING EYELIDS, GET MED ATTN SKIN: WASH AREA W/SOAP & WTR. REMOVE CONTAM. CLOTHING IMMED., GET MEDCL ATTN INGST: DONOT INDUCE VOMITI

NG. DO NOT GIV E ANYTHING BY MOUTH, CONSULT A PHYSICIANINHAL: REMOVE TO FRESH AIR, GIVE ARTIFICIAL RESP. AS NEEDED, GET MEDICAL ATTN ASTHMATIC TYPE SYMPTOMS MAY DEVELOP & MAY BE IMMED. OR DELAYED UP TO SEVERAL HRS

Flash Point Method:PMCC Flash Point:91F/33C Lower Limits:1.0 Upper Limits:7.6 Extinguishing Media:FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL Fire Fighting Procedures:WEAR SCBA & FULL PROTECTIVE CLOTHING. IS OLATE FROM HEAT, ELEC. EQUIP, SPARKS, & OPEN FLAME. CLOSED CONTAINER MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT, MAY ALSO Unusual Fire/Explosion Hazard:BURST WHEN CONTAMINATED WITH WATER CREATING CO2. STAGNANT AIR MAY CAUSE VAPORS TO BLD UP & TRVL ALNG GRND TO AN IGN SOURCE W/MAY FLASH BK TO SOURCE OF VAPORS.

Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION & VENTL. AREA. DIKEOR IMPOUND SPILLED MATL & CONTRL FURTHER SPILLAGE IF POSS. COLLECT MATL IN OPEN CONTNR TO SAFE PLACECOVER LOOSELY & ALLOW TO STAND FOR 24-48 HRS. WASH DOWN SPILL AREAS W/DECONTAMINATION SOLUTIONS.

Handling and Storage Precautions: KEEP AWAY FROM HEAT, SPRKS, & OPEN FLAME. STORE IN TIGHTLY CLSD CONTNR TO PREVNT MOISTURE CONTAMIN. IDEAL STORAGE IS 50-81F/10-27C.

Other Precautions:DO NOT RESEAL IF CONTAMINATION IS SUSPECTED. IF CON

TNR IS EXPOSED TO HIGH HEAT, IT CAN BE PRESSURIZED & POSS. RUPTURE EXPLOSIVELY. THIS GAS CAN CAUSE SEALED CONTAINERS TO EXPAND AND POSSIBLY RUPTUR E EXPLOSIVELY.

======= Exposure Controls/Personal Protection ===============

Respiratory Protection: POSTV. PRESS. SUPLD AIR RESP. IS MANDATORY FOR CONFND AREAS. OTHER APPROVED PROTECTION, AIR PURIFYING OR FRESH AIR SUPPLIED RESPIRATORS.

Ventilation: EXHAUST VENTILATION SUFFICIENT TO KEEP THE AIRBORNE CONCENTRATION OF

THE SOLVENT, HDI, & POLYISOCYANATE BELOW THEIR TLV'S

Protective Gloves: CHEMICAL RESISTANT GLOVES

Eye Protection: SAFETY GLASSES, SPLASH GOGGLES, FACESHIELD

Other Protective Equipment:SAFETY SHOWERS & EYEWASH STATIONS SHOULD BE AVAILABLE & SHOULD BE USED WHEN NEEDED.

Work Hygienic Practices: WASH HANDS THOROUGHLY BEFORE EATING & BEFORE USING RESTROOMSSMOKE ONLY IN SMOKING AREAS.

Supplemental Safety and Health

COVER AS MUCH OF THE EXPOSED SKIN AREA AS POSSIBLE WITH APPROPRIATE CLOT

HING. IF SKIN CREAMS ARE USED, KEEP THE AREA PROTECTED ONLY BY THE CREAM TO A MINIMUM.WASH CONTAMINATED CLOTHING THOROUGHLY BE FORE REUSE.

Boiling Pt:B.P. Text:NE Vapor Density:>AIR Viscosity:183 MPAS @20C Evaporation Rate & amp; Reference:SLOWER THAN ETHER Solubility in Water:INSOLUBLE Appearance and Odor:CLEAR TO PALE YELLOW LIQUID WITH SOLVENT ODOR Percent Volatiles by Volume:30 CA

====== Stability and

Reactivity Data ==========

Stability Indicator/Materials to Avoid:YES

WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS, AND SURFACE ACTIVE MATERIALS

Stability Condition to Avoid:MOISTURE, HIGH TEMPERATURES, OR SHOCK FROM DROPPING

Hazardous Decomposition Products:BY HIGH HEAT & FIRE: CARBON DIOXIDE/MONOXIDE, OXIDES OF NITROGEN, TRACES OF HCN AND HDI Conditions to Avoid Polymerization:IF IN CONTACT WITH MOISTURE OR OTHER MATL WHICH REACTS WITH ISOCYANATES. MAY O

CCUR AT TEMP >400F/204C

Waste Disposal Methods:DISPOSE IN ACCORDANCE W/FEDERAL, STATE, AND LOCAL REGULATIONS. INCINERATION IS PREFERRED. EMPTY CON-TAINER MUST BE HANDLED W/CARE DUE TO PROD. RESIDUE& FLAM. VAPOR. DO NOT HEAT OR CUT ON OR NEAR EMPTY CONTAINERS W/ELEC. OR GAS TOURCH.

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