

SPRAYLAT CORP -- 599-A8574-1 PART A LIGHTNING GUARD -- 8010-01-275-7966

=====
Product Identification
=====

Product ID:599-A8574-1 PART A LIGHTNING GUARD

MSDS Date:03/06/2000

FSC:8010

NIIN:01-275-7966

Status Code:A

MSDS Number: CLMWX

=== Responsible Party ===

Company Name:SPRAYLAT CORP

Address:1701 E 122ND ST

City:CHICAGO

State:IL

ZIP:60633

Country:US

Info Phone Num:773-646-5900

Emergency Phone Nu

m:1-800-424-9300

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:0ULT0

=== Contractor Identification ===

Company Name:SPRAYLAT CORP

Address:1701 E 122ND ST

Box:City:CHICAGO

State:IL

ZIP:60633

Country:US

Phone:773-646-5900

CAGE:0ULT0

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

Ingred Name:N-BUTYL ACETATE

CAS:123-86-4

RTECS #:AF7350000

Minumum % Wt:10.01

Maxumum % Wt:15.

OSHA PEL:710 MG/M3;150 PPM

ACGIH TLV:713 MG/M3;150 PPM

ACGIH STEL:950 MG/M3;200 P

PM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE
CAS:1330-20-7
RTECS #:ZE2100000
Minumum % Wt:10.01
Maxumum % Wt:15.
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:651 MG/M3;150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:HEXAMETHYLENE DIISOCYANATE
CAS:822-06-0
RTECS #:MO1740000
Minumum % Wt:1.01
Maxumum % Wt:5.
ACGIH TLV:0.034 MG/M3;.005 PPM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

===== Hazards Identification =====

Routes of Entry: Inhalation

:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: CAN CAUSE MODERATE

RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA AND HEADACHE. SKIN CONTACT: POLYISOCYANATES CAN CAUSE SKIN IRRITATION WITH SYMPTOMS SUCH AS REDDENING, SWELLING, RASH, SCALING AND BLISTERING. EYE CONTACT: CAN CAUSE SEVERE IRRITATION. SYMPTOMS MAY INCLUDE DISCOMFORT OR PAIN, EXCESS BLINKING AND TEAR PRODUCTION, WITH

REDNESS AND SWELLING OF THE CONJUNCTIVA. SKIN ABSORPTION: MAY CAUSE IRRITATION AND MINOR SYSTEMIC DAMAGE. INGESTION: HARMFUL IF SWALLOWED. MAY CAUSE SYSTEMIC POISONING. CAN CAUSE ABDOMINAL DISCOMFORT, NAUSEA, VOMITING AND DIARRHEA.

Effects of Overexposure:INHALATION: CHRONIC OVEREXPOSURE TO ISOCYANATES CAN CAUSE PHYSIOLOGICAL CHANGES IN THE LUNGS AND A DECREASE IN LUNG FUNCTION. LUNG DAMAGE MAY BE PERMANENT. SKIN CONTACT: UPON PROLONGED OR REPEATED CONTACT, CAN CAUSE

MODERATE SKIN IRRITATION,
DEFATTING, AND DERMATITIS. NOT LIKELY TO CAUSE PERMANENT DAMAGE.
EYE CONTACT: UPON PROLONGED OR REPEATED CONTACT, CAN CAUSE SEVERE
IRRITATION. SKIN ABSORPTION : HARMFUL IF ABSORBED THROUGH THE SKIN.
MAY CAUSE MINOR SYSTEMIC DAMAGE.

Medical Cond Aggravated by Exposure:EYE DISEASE, SKIN DISEASE INCLUDING
EEZEMA AND SENSITIZATION, LIVER DISEASE, KIDNEY DISEASE, DIGESTIVE
TRACT DISEASE, RESPIRATORY DISEASE INCLUDING ASTHMA AND BRONCHITIS.

=====
===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR.IF BREATHING IS DIFFICULT,
HAVE A TRAINED INDIVIDUAL ADMINISTER OXYGEN. IF NOT BREATHING, GIVE
ARTIFICIAL RESPIRATION AND HAVE A TRAINED INDIVIDUAL ADMINISTER
OXYGEN, GET MEDICAL ATTENTION IMMEDIATELY. EYES: FLUSH EYES WITH
PLENTY OF LUKE WARM WATER FOR AT LEAST 20 MINUTES. SKIN CONTACT:
WASH WITH SOAP AND WATER. INGESTION: SEEK MEDICAL ATTENTION.

===== Fir
e Fighting Measures =====

Flash Point Method:TCC

Flash Point:=22.2C, 72.F

Autoignition Temp:=425.C, 797.F

Lower Limits:1.1%

Upper Limits:7.0%

Extinguishing Media:USE ALCOHOL RESISTANT FOAM, CARBON DIOXIDE, OR DRY
CHEMICAL EXTINGUISHING AGENTS.

Fire Fighting Procedures:DO NOT ENTER FIRE AREA WITHOUT PROPER
PROTECTION INCLUDING SELF-CONTAINED BREATHING APPARATUS AND FULL
PROTECTIVE EQUIPMENT. FLAMMABLE COMPONENTS OF THIS MATERIAL MAY BE
LIGHTER THAN WATER AND FLOA

T W HILE BURNING.

Unusual Fire/Explosion Hazard:VAPORS MAY BE IGNITED BY SPARKS, FLAMES
OR OTHER SOURCES OF IGNITION IF MATERIAL IS ABOVE THE FLASH POINT
GIVING RISE TO A FIRE. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL
TO A SOURCE OF IGNITION AND FLASH BACK. THIS PRODUCT MAY SUPPORT
COMBUSTION WHEN EXPOSED TO SOURCES OF IGNITION.

===== Accidental Release Measures =====

Spill Release Procedures:EXPOSURE TO THE SPILLED MATERIAL MAY BE
IRRITATING

OR HARMFUL. FOLLOW PERSONAL PROTECTIVE EQUIPMENT RECOMMENDATIONS FOUND IN SECTION VIII OF THIS MSDS. GATHER AND STORE IN A SEALED CONTAINER PENDING A WASTE DISPOSAL EVALUATION. SHUT OFF IGNITION SOURCES; INCLUDING ELECTRICAL EQUIPMENT AND FLAMES. DO NOT ALLOW SMOKING IN THE AREA. VENTILATE THE AREA BY OPENING DOOR AND/OR TURNING ON FANS.

=====
===== Handling and Storage =====

Handling and Storage Precautions:HARMFUL OR IRRITATING; AVOID OVEREXPOSURE TO THE MATERIAL. USE ONLY IN A WELL VENTILATED AREA. USE SPARK PROOF TOOLS AND EXPLOSION PROOF EQUIPMENT. STORAGE: STORE IN A COOL DRY VENTILATED LOCATION. ISO LATE FROM INCOMPATIBLE MATERIALS AND CONDITIONS. KEEP CONTAINER(S) CLOSED WHEN NOT IN USE.

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

Respiratory Protection:IF GENERAL OR LOCAL EXHAUST VENTILATION IS NOT AVAILABLE OR SUFFICIENT TO REDUCE EXPOSURE TO BELOW ACCEPTABLE LEVELS, THEN RESPIRATORY PROTECTION IS REQUIRED TO AVOID OVEREXPOSURE WHEN HANDLING THIS PRODUCT. WEAR A NIOSH APPROVED RESPIRATOR.

Ventilation:LOCAL EXHAUST VENTILATION.

Protective Gloves:WEAR PROTECTIVE GLOVES.

Eye Protection:WEAR SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:WEAR CHEMICALLY RESISTANT GLOVES AND APRON. (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

Supplemental Safety and Health

=====
===== Physical/Chemical Properties =====

Boiling Pt:=138.9C,
282.F

Spec Gravity:1.055/8.8 LBS./GL.

VOC Pounds/Gallon:276

VOC Grams/Liter:2.3

Evaporation Rate & Reference:SLOWER THAN N-BUTYL

Solubility in Water:MINIMAL

Appearance and Odor:LIQUID AROMATIC

=====
===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ACIDS, AMINES, STRONG ALKALIES, WATER, ALCOHOLS.

Stability Condition to Avoid:CONTAMINATION, HIGH TEMPERATURES SPARKS, OPEN FLAME, OTHER IGNITION SOURCES, AND ELEVATED TEMPERATURES.

Haza

rdous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE,
ISOCYANATES, NITROGEN CONTAINING GASES, HYDROGEN CYANIDE.

===== Toxicological Information =====

Toxicological Information: BLOOD, CENTRAL NERVOUS SYSTEM STIMULATION.
NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL
OVEREXPOSURE TO SOLVENTS WITH BRAIN AND NERVOUS SYSTEM DAMAGE.
INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE
CONTENTS MAY BE HARMFUL
OR FATAL. 2,4 PENTANEDIONE ORAL LD50 RAT:
55 MG/KG; ORAL LD50 MOUSE; 951 MG/KG; DERMAL LD50 RABBIT: 810 UL/KG

===== Ecological Information =====

Ecological: CARE SHOULD BE TAKEN TO MINIMIZE RELEASES OF ANY INDUSTRIAL
CHEMICALS TO THE ENVIRONMENT

===== Disposal Considerations =====

Waste Disposal Methods: CLEAN UP AND DISPOSE OF WASTE AND CLEAN UP
MATERIALS IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL
ENVIRONMENTAL REGULATIONS.

===== Regulatory Information =====

SARA Title III Information: SARA 313 REPORTABLE: NO 313-LISTED CHEMICALS
IN THIS PRODUCT ABOVE DE MINIMIS VALUES. TSCA INVENTORY: ALL
COMPONENTS OF THIS PRODUCT ARE LISTED IN, OR EXEMPT FROM, THE TSCA
8(B) INVENTORY, RCRA HAZAR D: NONE EXPECTED.

State Regulatory Information:

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.