

DOLPH JOHN C CO -- DOLPH-SPRAY -- 5970-00-076-8988

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

Product ID:DOLPH-SPRAY

MSDS Date:01/17/1990

FSC:5970

NIIN:00-076-8988

MSDS Number: BPBHX

=== Responsible Party ===

Company Name:DOLPH JOHN C CO

Address:WEST NEW RD

Box:267

City:MONMOUTH JUNCTION

State:NJ

ZIP:08852-9513

Country:US

Info Phone Num:201-329-2333

Emergency Phone Num:201-329-2333

CAGE:72688

=== Contract

or Identification ===

Company Name:JOHN C. DOLPH COMPANY

Address:NEW ROAD

Box:267

City:MONMOUTH JUNCTION

State:NJ

ZIP:08852

Country:US

Phone:908-329-2333

CAGE:72688

Company Name:LAMINATED MATERIALS CORP.

Address:162 W LIPPINCOTT ST

Box:6710

City:PHILADELPHIA

State:PA

ZIP:19133-4221

Country:US

Phone:215-425-4100

CAGE:20200

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

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 10-20%

OSHA PEL:200 PPM/150

STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 1%
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ACETONE (SARA III)
CAS:67-64-1
RTECS #:AL3150000
Fraction by Wt: 20-30%
OSHA PEL:1000PPM
ACGIH TLV:750PPM/1000STEL;9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICH
LOROETHANE) (SARA III)
CAS:71-55-6
RTECS #:KJ2975000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:350 PPM/450 STEL
ACGIH TLV:350 PPM/450STEL;9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

Ingred Name:PROPANE
CAS:74-98-6
RTECS #:TX2275000
Fraction by Wt: 25-30%
OSHA PEL:1000 PPM
ACGIH TLV:ASPHYXIAN; 9192

Ingred Name:ISOBUTYL ACETATE (SARA III)
CAS:110-19-0
RTECS #:AI4025000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:150 PPM

ACGIH TLV:150 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ACETATE (SARA III)
CAS:141-78-6
RTECS #:AH5425000
Fraction by Wt: 15-25%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:DI-SEC-OCTYL PHTHALATE (DI-2-ETHYLHEXYL-PHTHALATE) (SARA III)
CAS:117-81-7
RTECS #:TI0350000
Fraction by Wt: 1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3/10 STEL
ACGIH TLV:5 MG/M3; 9293
EPA Rpt Qty:
100 LBS
DOT Rpt Qty:100 LBS

===== 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:ACUTE: MAY CAUSE SKIN AND EYE
IRRITATION ON CONTACT. MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.
MAY CAUSE RESPIRATORY SYSTEM IRRITATION OR CENTRAL NERVOUS SYSTEM
DEPRESSION IF VAPORS INHALED. MAY CAUSE IRRITATION OF GI TRACT OR
CENTRAL NER
VOUS SYSTEM DEPRESSION IF SWALLOWED.CHRONIC:
DERMATITIS,LIVER/KIDNEY DAMAGE.
Explanation of Carcinogenicity:DIOCTYL PHTHALATE IS LISTED AS A
SUSPECTED CARCINOGEN (MANUFACTURER).
Effects of Overexposure:BURNING OF EYES, REDNESS AND CRACKING OF THE
SKIN, DROWSINESS, DIZZINESS, LOSS OF COORDINATION AND FATIGUE,
VOMITING.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR
RESPIRATORY TRACT MAY BE

AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:
REMOV E CONTAMINATED CLOTHING. WASH WITH SOAPAND WATER. IF
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION: INDUCE
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET I
MMEDIATE
MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:TCC
Flash Point:40.0F,4.4C
Lower Limits:1.8
Upper Limits:12.0
Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CA
USE AEROSOL
CANS TO RUPTURE.

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

Spill Release Procedures:STAY UPWIND AND AWAY FROM SPILL. KEEP ALL
SOURCES OF IGNITION AND HOT METAL SURFACES AWAY FROM SPILL. USE
SAND OR OTHER INERT MATERIAL TO CONTAIN SPILL. DO NOT FLUSH AREA
WITH WATER, KEEP OUT OF DRAIN S. USE ABSORBENT PADS.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precaution
s:STORE IN A COOL, DRY, WELL VENTILATED
AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY
FROM SOURCES OF IGNITION.
Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS.
DO NOT PRESSURIZE, CUT, WELD, ETC. ON THE CONTAINER.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION
EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR
CARTRIDGE AND DUST/MIST

PRE-FILTER RESPIRATORS AS PER CURRENT 29
CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR
SELECTION.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE.
LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:PLASTIC OR RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PE

PERSONAL HYGIENE PRACTICES AND

RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR
FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO
NOT BREATHE VAPORS OR MISTS.

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

HCC:V3

Boiling Pt:B.P. Text:40.0F,4.4C

Vapor Density:4.0(AIR=1)

Spec Gravity:0.8

Evaporation Rate & Reference:>1 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Od

or:ORANGE; SOLVENT ODOR

Percent Volatiles by Volume:75-85

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

Stability Indicator/Materials to Avoid:YES

THIS MATERIAL IS INCOMPATIBLE WITH STRONG ACIDS OR BASES, OXIDIZING
AGENTS, AND SELECTED AMINES.

Stability Condition to Avoid:HIGH TEMPERATURE STORAGE.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSAL SHOULD

BE MADE IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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