

TIOGA COATING CORPORATION -- BRUSHING BLUE TOOLMAKERS INK -- 6850-00-664-9067

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Product Identification
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Product ID:BRUSHING BLUE TOOLMAKERS INK

MSDS Date:07/28/1993

FSC:6850

NIIN:00-664-9067

MSDS Number: BZJHG

=== Responsible Party ===

Company Name:TIOGA COATING CORPORATION

Address:208 QUAKER ROAD

City:ROCKFORD

State:IL

ZIP:61104

Country:US

Info Phone Num:815-962-4200

Emergency Phone Num

:815-962-4200

CAGE:TIOGA

=== Contractor Identification ===

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

Contract Num:SP0450-00-M-SC57

CAGE:0PGK2

Company Name:TIOGA COATING CORPORATION

Address:208 QUAKER ROAD

Box:City:ROCKFORD

State:IL

ZIP:61104

Country:US

Phone:815-962-4200

CAGE:TIOGA

Company Name:UNI-KEM INTERNATIONAL

Address:1001 HARIMAW COURT EAST

Box:City:METAIRIE

State:LA

ZIP:70001

Country:US

Phone:504-83

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Composition/Information on Ingredients
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Ingred Name:ISOBUTYL ACETATE

CAS:110-19-0

RTECS #:AI4025000

= Wt:45.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:150 PPM

ACGIH TLV:150 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE

CAS:1330-20-7

RTECS #:ZE2190000

= Wt:25.

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ISOPROPYL ALCOHOL

CAS:67-63-0

RTECS #:NT8050000

= Wt:10.

Other R

EC Limits:NONE RECOMMENDED

Ingred Name:ISOBUTYL ISOBUTYRATE

CAS:97-85-8

RTECS #:NQ5250000

= Wt:10.

Other REC Limits:NONE RECOMMENDED

Ingred Name:ISOBUTYL ALCOHOL

CAS:78-83-1

RTECS #:NP9625000

< Wt:5.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:50 PPM

ACGIH TLV:50 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:BUTYL BENZYL PHTHALATE

CAS:85-68-7

RTECS #:TH9990000

< Wt:5.

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:BUTYL CELLOSOLVE

CAS:1

11-76-2
RTECS #:KJ8575000
< Wt:5.
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Explanation of Carcinogenicity:REPORTS HAVE ASSOCIATED REPEATED &
PROLONGED OVEREXPOSURE TO SLVENTS WITH PERMANENT BRAIN & NERVOUS
SYSTEM DAMAGE.
Effects of Overexposure:EYES: CAN CAUSE SEVERE IRRITATION, REDNESS,
TEARING, BLURRED VISIO
N, SKIN: PROLONGED OR REPEATED CONTACT CAN
CAUSE MODERATE IRRITATION. BREATHING: EXCESSIVE INHALATION MAY HAVE
RESULTS FROM MILD DEPRESION TO LOSS OF CONSCIOUSNESS. SWALLOWING:
CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND
DIARRHEA.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:IN CASE OF CONTACT IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS
OF WATER FOR AT LEAST
15 MINUTES. TAKE TO A PHYSICIAN FOR MEDICAL
TREATMENT. WASH CONTAMINATED CLOTHING PRIOR TO REUSE-DESTROY
CONTAMINATED SHOES. FOR SKIN CONTACT, WASH AFFECTED AREAS WITH
SOAP AND WATER. CONSULT A PHYSICIAN IF IRRITATION PERSISTS. IF
AFFECTED BY INHALATION OF VAPORS OR SPRAY MIST REMOVE TO FRESH AIR.
IF SWALLOWED GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point:=13.9C, 57.F
Lower Limits:1.0
Extinguishing Media:USE NFPA
CLASS B EXTINGUISHER (CARBON DIOXIDE, DRY
CHEMICAL OR FOAM) DESIGNED TO EXTINGUISH NFPA CLASS I LIQUID FIRES.
Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS WITH A FULL
FACEPIECE OPERATED IN A PRESSURE-DEMAND MODE. WATER SPRAY WILL BE
EFFECTIVE AND SHOULD BE USED TO COOL CLOSED CONTAINERS.
Unusual Fire/Explosion Hazard:MATERIAL IS HIGHLY VOLATILE & READILY
GIVES OFF VAPORS WHICH MAY TRAVEL ALONG THE GROUND OR BE MOVED BY
VENTILATION & CAUSE FLASH FIRES OR BE IGNI

TED EXPLOSIVELY BY PILOT

LIGHTS, FLAMES, SPARKS, HEAT ERS, SMOKING, ELECTRIC MOTORS, OR OTHER SOURCES OF IGNITION DISTANT FROM MATERIAL POINT, OVERSPRAY DUST MAY IGNITE.

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

Spill Release Procedures:SMALL SPILL: ABSORB WITH AN INERT ABSORBENT. AVOID BREATHING VAPORS. LARGE: CLEANUP PERSONNEL SHOULD WEAR PROTECTIVE BREATHING APPARATUS. DIKE SPILL AREA TO PREVENT SPREADING AND PUMP TO ACRAP STORAGE TANK. RE MAINING SPILL MAY BE ABSORBED WITH AN INERT ABSORBENT. AS AN ADDED PRECAUTION, REMOVE ALL SOURCES OF IGNITION.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 100 DEG. F. MATERIAL CONTAINS SOME VOLATILE ORGANIC COMPONENTS WHICH ARE COMBUSTIBLE. Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED, SINCE THESE CONTAINERS RETAIN PRODUCT RESIDUE (VAPORS, LIQUIDS AND/OR SOLID). AL L HAZARD PROCEDURES GIVEN IN THIS DATA SHEET MUST BE OBSERVED .

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

Respiratory Protection:IF TLV OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA JOINTLY APPROVED SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE DEMAND MODE IS ADVISED. (SEE YOUR SAFETY EQUIPMENT SUPPLIER).
Ventilation:PROVIDE SUFFICIENT MECHANICAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).
Pro tective Gloves:WEAR CHEMICAL AND SOLVENT GLOVES.
Eye Protection:USE CHEMICAL SPLASH GOGGLES (OSHA).
Other Protective Equipment:NORMAL WORK CLOTHING COVER ARMS AND LEGS. SOLVENT AND CHEMICAL RESISTANT BOOTS SHOULD BE WORN. (SEE SAFETY SUPPLIER).
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
KEEP AWAY FROM HEAT, SPARKS AND FLAMES. USE WITH ADEQUATE VENTILATION. AVOID BREATHING VAPORS OR SPRAY MISTS. DO NOT GET IN EYES OR ON SKIN. KEEP CONTAI

NER CLOSED WHEN NOT IN USE.

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

HCC:F2

Boiling Pt:B.P. Text:180-302F

Vapor Density:>1

VOC Grams/Liter:7.38

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:94

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:STABLE

AT NORMAL ROOM CONDITIONS.

Hazardous Decomposition Products:IF EXPOSED TO EXTREME HEAT PRODUCT MAY
FORM CARBON MONOXIDE, CARBON DIOXIDE, AND VARIOUS HYDROCARBONS.

Conditions to Avoid Polymerization:ANY COLLECTION OF SPRAY DUST SUCH AS
SWEEPING, FILTERS, DUCTS, ETC.

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

Waste Disposal Methods:LIQUID MAY BE RECOVERED BY ANY EPA APPROVED
METHOD. ALL SLUDGES AND CONTAMINATED ABSORBENTS MUST BE DISPOSED OF
IN AN EPA AP
PROVED POSTED TOXIC SUBSTANCE LANDFILL.

===== Other Information =====

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