M A BRUDER & SONS INC -- RUST-O-LASTIC, 2601 SILVER, 1250069 -- 8010-00N048720

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

Product ID:RUST-O-LASTIC, 2601 SILVER, 1250069

MSDS Date: 07/21/1989

FSC:8010

NIIN:00N048720 MSDS Number: CDNSG

=== Responsible Party ===

Company Name: M A BRUDER & SONS INC

Address:630 N THIRD ST

City:TERRE HAUTE

State: IN

ZIP:47806-1508 Country:US

Info Phone Num: 812-234-6621

Emergency Phone Num: 800-424-9300 (CHEMTREC)

CAGE:1Y265

=== Contractor Identification === Company Name:M A BRUDER & SONS INC

Address:630 N THIRD ST Box:City:TERRE HAUTE

State: IN

ZIP:47806-1508 Country:US

Phone: 812-234-6621

CAGE: 1Y265

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

Ingred Name:ING 16:IN LAB CELL CULTURE TESTS. ING 7:HIGH AIRBORNE
 LEVELS HAVE PROCD IRREG HEART BEATS IN ANIMALS & OCCAS (ING 18)
RTECS #:999999ZZ

Ingred Name:ING 17:PALPITATIONS IN HUMANS. RATS EXPOS TO VERY HIGH
 AIRBORNE LEVELS HAVE EXHIBITED HIGH FREQUENCY HEARING (ING 19)
RTECS #:9999999ZZ

Ingred Name:ING 18:DEFICITS. THE SIGNIFICANCE OF THIS TO MAN IS UNKNOWN.

RTECS #:9999992Z

Ingred Name:OTHER PREC:APPRVD RESP/APPROP VENT. DO NOT PUNCTURE. DO NOT
 SPRAY NEAR FIRE/OPEN FLAME. ING 6:CAN CHEMICALLY (ING 21)
RTECS #:9999999ZZ

Ingred Name:ING 20:REACT W/ALUMINUM IN SPRAY EQUIP & OTHER DEVICES &
 CAUSE EXPLO HAZ. PRODS CNTNG THIS SOLV SHOULD NEVER BE (ING 22)
RTECS #:9999992Z

Ingred Name:ING 21:USED W/SPRAY EQUIP WHERE COATING COMES IN CONT
 W/ALUMINUM. CONT W/ALUMINUM PARTS IN PRESSURIZABLE FLUID (ING 23)
RTECS #:9999999ZZ

Ingred Name:ING 22:SYSTEM MAY CAUSE VIOLENT REACTION.

RTECS #:9999992Z

Ingred Name:ALUMINUM (SARA 313)

CAS:7429-90-5 RTECS #:BD0330000 OSHA PEL:15 MG/M3 DUST ACGIH TLV:10 MG/M3 DUST

Ingred Name:SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC; (AROMATIC
HYDROCARBON). VP:10 @ 20C.

CAS:64742-95-6 RTECS #:WF3400000

Other REC Limits: 50 PPM (MFR)

OSHA PEL:25 PPM (MFR) ACGIH TLV:25 PPM (MFR)

Ingred Name:ARIEN; (HYDROCARBON RESIN)

CAS:64742-16-1 RTECS #:CF2550000 OSHA PEL:N/K ACGIH TLV:N/K

Ingred Name:PROPANE; (LIQUIFIED COMPRESSED GAS)

CAS:74-98-6

RTECS #:TX2275000 OSHA PEL:1000 PPM ACGIH TLV:ASPHYXIANT

Ingred Name:SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC; (MEDIUM
MINERAL SPIRITS)

CAS:64742-88-7

Other REC Limits: 100 PPM (MFR)

OSHA PEL:N/K ACGIH TLV:N/K

Ingred Name:METHANE, DICHLORO-; (METHYLENE CHLORIDE) (SARA 313)
 (CERCLA). VP:348 @ 20C.

CAS:75-09-2

RTECS #:PA8050000

Other REC Limits: 100 PPM, S (MFR)

OSHA PEL:500 PPM ACGIH TLV:50 PPM EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENE (SARA 313) (CERCLA). VP:36.7 @ 20C.

CAS:108-88-3

RTECS #:XS5250000

OSHA PEL:200 PPM

ACGIH TLV:50 PPM, S

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:VM & P NAPHTHA

CAS:64742-89-8

Other REC Limits: 100 PPM (MFR)

OSHA PEL:N/K

ACGIH TLV:300 PPM (MFR)

Ingred Name:ING 9:IN LIVER & KIDNEY INJURY. ING 2:TOX TO FETUS IN LAB
ANIMALS AT DOSES THAT ARE TOX TO MOTHER. ING 4,6:CONT (ING 11)
RTECS #:9999999ZZ

Ingred Name:ING 10:MAY CAUSE SKIN BURNS. ING 4:MAY POSSIBLY CAUSE
 MODEST INITIAL IRRIT, FOLLOWED IN HRS BY SEV SHORTNESS OF (ING 12)
RTECS #:9999999ZZ

Ingred Name:ING 11:BREATH, REQUIRING PROMPT MED ATTN. MAY CAUSE CNS
 EFTS SUCH AS TEMPORARY MUSCULAR WEAK & LOSS OF COORD. (ING 13)
RTECS #:9999999ZZ

Ingred Name:ING 12:CAUSES EYE CORR & PERM INJURY. INGS 5,8:LAB STUDIES
 W/RATS HAVE SHOWN THAT PETRO DISTILS CAUSE KIDNEY DMG(ING 14)
RTECS #:9999992Z

Ingred Name:ING 13:& KIDNEY/LIVER TUMORS. SEVERAL STUDIES EVAL PETRO
 WORKERS HAVE NOT SHOWN SIGNIFICANT INCRS OF KIDNEY DMG (ING 15)
RTECS #:9999992Z

Ingred Name:ING 14:NOR KIDNEY/LIVER TUMORS. ING 6:CAN BE ABSORBED
 THROUGH SKIN IN HARMFUL AMOUNTS. MAY CAUSE INCREASE IN (ING 16)
RTECS #:9999992Z

Ingred Name:ING 15:CARBOXYHEMOGLOBIN LEVELS WHICH MAY RSLT IN REDUCED
 LEVEL OF OXYG IN BLOOD. HAS SHOWN MUTAGENIC ACTIVITY (ING 17)
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:CHLOROCARBON MATLS HAVE PRDCD SENSIT

OF MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR

EFT IN HUMANS. ADRENOMIMETICS (E.G., EPINEPHRINE) MAY BE

CONTRAINDICATED EXCEPT FOR LIFE-SUSTAININ G USES IN HUMANS

ACUTELY/CHRONICALLY EXPOS TO CHLOROCARBONS . INGEST:GI DISTRESS.

INHAL:NOSE & (EFTS OF OVEREXP)

Explanation of Carcinogenicity: METHYLENE CHLORIDE: IARC MONOGRAPHS, SUPP, VOL 7, PG 194, 1987: GRP 2B. NTP 7TH ANNUAL RPT ON CARCINS, 1994: ANTIC (SUPDAT)

Effects of Overexposure: HLTH HAZ: THROAT IRRIT; CNS EFTS (DIZZ, HDCH, NAUS, STAG GAIT, CONFUSN & UNCON). RPTS HAVE ASSOC RPTD & PRLNG OVEREXP TO SOLVS W/PERM BRAIN & NERV SYS DMG. EYE WATERING, HDCHS, NAUS, DIZZ & LOSS OF COO RD ARE SIGNS THAT SOLV LEVELS ARE TOO HIGH. EYE CONT: IRRIT/BURNING. SKIN CONT: IRRIT W/DISCOMFORT & DERM. NOTE: (SUPDAT)

Medical Cond Aggravated by Exposure: HEAVY SMOKERS & THOSE W/HEART DISEASE MAY EXPERIENCE INCREASED RISK OF HEART PROBLEMS.

 First Aid Measur	ces ================

First Aid:INGEST:CALL MD IMMEDIATELY & HAVE NAMES OF INGREDIENTS AVAILABLE. DO NOT INDUCE VOMITING. INHAL:REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH TO MOUTH. IF BREATH ING DIFFICULTY PERSISTS OR OCCURS LATER, CONSULT MD. EYES:IMMEDIATELY FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINUTES; CALL MD. SKIN:WASH W/SOAP & WATER. IF IRRITATION OCCURS CONTACT MD.

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

Flash Point Method:CC
Flash Point:<20F,<-7C</pre>

Extinguishing Media: FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures: WEAR NIOSH APPRVD PRESS DEMAND SCBA & FULL PROT EQUIP . WATER MAY BE INEFT. WATER FROM FOG NOZZ MAY BE USED TO COOL CLSD CNTNRS TO PVNT PRESS BUILD UP.

Unusual Fire/Explosion Hazard: THERMAL DECOMP PRODS MAY INCL HCL & PHOSGENE . CONTENTS UNDER PRESS. KEEP AT ROOM TEMP AS EXPOS TO SUNLIGHT/OTHER HEAT MAY CAUSE CANS TO BURST, (SUPDAT)

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

Spill Release Procedures: VENTILATE AREA. REMOVE SOURCES OF IGNITION.
PREVENT SKIN CONTACT & BREATHING OF VAPOR. CONFINE & REMOVE W/INERT
ABSORBENT

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: DO NOT BREATHE VAPORS OR MISTS. KEEP AWAY FROM HEAT, SPARKS & FLAME. DO NOT STORE >120F. DO NOT EXPOSE TO DIRECT SUNLIGHT TO AVOID BURSTING.

Other Precautions:NO SMOKING IN AREA OF USE. DO NOT USE IN GEN VICIN OF ARC WELDING, OPEN FLAMES/HOT SURFS. HEAT &/OR UV RADIA MAY CAUSE FORM OF HCL &/OR PHOSGENE . OBSERVE LBL PRECS. DO NOT SAND, FLAME CUT, BRAZ E/WELD DRY COATING W/OUT NIOSH (ING 20)

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

Respiratory Protection: WEAR APPROPRIATE, PROPERLY FITTED NIOSH APPROVED RESPIRATOR DURING & AFTER APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR OR MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW RESPIRATOR MANUFACTUR ER'S DIRECTIONS FOR RESPIRATOR USE.

Ventilation: PROVIDE SUFFICIENT VENTILATION IN VOLUME & PATTERN TO KEEP CONTAMINANTS BELOW APPLICABLE OSHA REQUIREMENTS.

Protective Gloves: NEOPRENE GLOVES.

Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment: ANSI APPRVD EYE WASH FOUNTAIN & DELUGE SHOWER . COVERALLS. PROT CREAMS MAY BE USED FOR EASE OF CLEAN-UP, NOT PROT.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING & BEFORE EATING & SMOKING.

Supplemental Safety and Health

EXPLO HAZ:PROPELLING CONTENTS ACROSS AREA. EXPLAN OF CARCIN:TO BE CARCIN. ANIMAL:LUNG, LIVER, SALIVARY, MAMMARY GLAND (TUMORS). EFTS

OF OVEREXP: TOLUENE APPEARS ON NAVY LIST OF OCCUP CHEM REPRO HAZS. SEEK CONSULTATION FROM APPROP HLTH PROFESSIONALS (ING 9)

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

Boiling Pt:B.P. Text:<0F,<-18C

Vapor Pres:SEE INGS
Vapor Density:HVR/AIR
Spec Gravity:0.74

Evaporation Rate & Reference: FASTER THAN ETHER

Solubility in Water: MOD-APPRECIABLE

Appearance and Odor: NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:92

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

Stability Indicator/Materials to Avoid:YES NONE REASONABLY FORESEEABLE.

Stability Condition to Avoid: DO NOT STORE ABOVE 120F.
Hazardous Decomposition Products: HCL, PHOSGENE . CO, CO*2, SMOKE,
OXIDES OF HEAVY METALS REPORTED IN INGREDIENTS SECTION.

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

Waste Disposal Methods: DO NOT ALLOW MATERIAL TO CONTAMINATE GROUND WATER SYSTEMS. INCINERATE ABSORBED MATERIAL I/A/W FEDERAL, STATE & LOCAL REQUIREMENTS. DO NOT INCINERATE IN CLOSED CONTAINERS.

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