

Liquid Sandpaper by General Liquids

GENERAL LIQUIDS -- LIQUID SANDPAPER, A-533

MATERIAL SAFETY DATA SHEET

NSN: 535000N044500

Manufacturer's CAGE: GENLI

Part No. Indicator: A

Part Number/Trade Name: LIQUID SANDPAPER, A-533

General Information

Company's Name: GENERAL LIQUIDS CORP

Company's P. O. Box: 5867

Company's City: BALTIMORE

Company's State: MD

Company's Country: US

Company's Zip Code: 21208

Company's Emerg Ph #: 410-484-7222

Company's Info Ph #: 410-484-7222

Record No. For Safety Entry: 001

Tot Safety Entries This Stk#: 001

Status: SMJ

Date MSDS Prepared: 01AUG91

Safety Data Review Date: 01SEP95

MSDS Serial Number: BTMBC

Hazard Characteristic Code: F3

Ingredients/Identity Information

Proprietary: NO

Ingredient: XYLENE; (DIMETHYLBENZENE) (SARA III). VP: < 10 @ 20C.

Ingredient Sequence Number: 01

Percent: 42-52

NIOSH (RTECS) Number: ZE2100000

CAS Number: 1330-20-7

OSHA PEL: 100 PPM;150 STEL

ACGIH TLV: 100 PPM;150 STEL

Proprietary: NO

Ingredient: VM & P NAPHTHA; (SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC)
. VP: 15 @ 20C.

Ingredient Sequence Number: 02

Percent: 28-38

NIOSH (RTECS) Number: 1004249NP

CAS Number: 64742-89-8

OSHA PEL: 500 PPM

ACGIH TLV: 500 PPM

Proprietary: NO

Ingredient: ISOPROPYL ALCOHOL; (2-PROPANOL) (SARA III). VP: 33 @ 20C.

Liquid Sandpaper by General Liquids

Ingredient Sequence Number: 03

Percent: 14-24

NIOSH (RTECS) Number: NT8050000

CAS Number: 67-63-0

OSHA PEL: 400 PPM;500 STEL

ACGIH TLV: 400 PPM;500 STEL

Proprietary: NO

Ingredient: RESP PROT: PARTICULATES & VAPOR. IN CONFINED AREAS USE NIOSH/MSHA APPRVD APPROPRIATE AIR LINE TYPE RESPS/HOODS. (ING 5)

Ingredient Sequence Number: 04

NIOSH (RTECS) Number: 9999999ZZ

OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: ING 4: WEAR APPROP, NIOSH/MSHA APPRVD PROPERLY FITTED RESP DURING & AFTER APPLICATION UNLESS AIR MONITORING (ING 6)

Ingredient Sequence Number: 05

NIOSH (RTECS) Number: 9999999ZZ

OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: ING 5: DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW RESP MFR'S DIRECTIONS FOR RESP USE.

Ingredient Sequence Number: 06

NIOSH (RTECS) Number: 9999999ZZ

OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: VENT: HAZARDOUS INGREDIENT IN INGREDIENT SECTION BELOW ACCEPTABLE LIMIT.

Ingredient Sequence Number: 07

NIOSH (RTECS) Number: 9999999ZZ

OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: OTHER PREC: CNTNRS. AVOID PRLNGD CNTCT W/SKIN & BRTHG OF VAP/SPRAY MIST. EXTING PILOT LIGHTS. USE NON-SPARKING (ING 9)

Ingredient Sequence Number: 08

NIOSH (RTECS) Number: 9999999ZZ

OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Liquid Sandpaper by General Liquids

Ingredient: ING 8: TOOLS & EXPLOSION PROOF EQUIPMENT. KEEP AWAY FROM HEAT SPARKS AND OPEN FLAME. DO NOT APPLY TO HOT SURFS. (ING 10)

Ingredient Sequence Number: 09
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 9:"EMPTY" CNTNR WARNING. "EMPTY" CNTNRS RETAIN RESIDUE (LIQ &/OR VAP) & CAN BE DANGEROUS. DO NOT PRESSURIZE,(ING 11)
Ingredient Sequence Number: 10
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 10: CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CNTNRS TO HEAT, FLAME, SPARKS OR OTHER SOURCES (ING 12)
Ingredient Sequence Number: 11
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 11: OF IGNITION: THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. DO NOT ATTEMPT TO CLEAN SINCE RESIDUE IS DFCLT (ING 13)
Ingredient Sequence Number: 12
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 12:TO REMOVE: "EMPTY" DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED AND PROMPTLY RETURNED TO A DRUM (ING 14)
Ingredient Sequence Number: 13
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 13: RECONDITIONER. ALL OTHER CNTNRS SHOULD BE DISPOSED OF IN AN ENVIRON SAFE MANNER & I/A/W GOVERNMENTAL (ING 15)
Ingredient Sequence Number: 14
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Liquid Sandpaper by General Liquids

Ingredient: ING 14:REGS. FOR WORK ON TANKS REFER TO OCCUP SAFETY AND HEALTH ADMIN REGS. ANSI Z49.1, & OTHER GOVERNMENTAL (ING 16)

Ingredient Sequence Number: 15

NIOSH (RTECS) Number: 9999999ZZ

OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: ING 15: AND INDUSTRIAL REFERENCES PERTAINING TO CLEANING, REPAIRING, WELDING, OR OTHER CONTEMPLATED OPERATIONS.

Ingredient Sequence Number: 16

NIOSH (RTECS) Number: 9999999ZZ

OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

Physical/Chemical Characteristics

Appearance And Odor: NONE SPECIFIED BY MANUFACTURER.

Boiling Point: >180F,>82C

Vapor Pressure (MM Hg/70 F): SEE INGS

Vapor Density (Air=1): HVR/AIR

Specific Gravity: 0.81 (FP N)

Evaporation Rate And Ref: SLOWER THAN ETHER

Percent Volatiles By Volume: 100

Fire and Explosion Hazard Data

Flash Point: 44F,6.7C

Flash Point Method: TCC

Lower Explosive Limit: 1%

Extinguishing Media: FOAM, "ALCOHOL" FOAM, CO*2, DRY CHEMICAL, WATER FOG.

Special Fire Fighting Proc: WATER MAY BE INEFTIVE; HOWEVER, USE WATER SPRAY TO COOL FIRE-EXPOSED CLOSED CONTAINERS TO PREVENT EXPLOSION. USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP (FPN).

Unusual Fire And Expl Hazrds: TOX GASES ARE EVOLVED WHEN BURNING. KEEP CNTNRS TIGHTLY CLSD. ISOLATE FROM HEAT, ELEC EQUIP, SPARKS, OPEN FLAME & AREAS WHERE STATIC ELECTRICITY (SUPP DATA)

Reactivity Data

Stability: YES

Cond To Avoid (Stability): TEMPS IN EXCESS OF 150F IN CLOSED CNTNR. EXPOSURE TO HEAT, SPARKS, OPEN FLAME, HOT SURFACE.

Materials To Avoid: OXYGEN & STRONG OXIDANTS.

Hazardous Decomp Products: CARBON DIOXIDE AND CARBON MONOXIDE.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT

Liquid Sandpaper by General Liquids
Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: INHAL: ANESTHETIC. IRRIT OF THE RESP TRACT
OR ACUTE NERV SYS DEPRESS CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING
GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN OR EYE: PRIMARY IRRITANT.
REPORTS HAVE ASSOC REPEATED & PRLNGD OCCUP OVEREXP TO SOLVS WITH PERM BRAIN
& NERV SYS DMG. INTENTIONAL MISUSE (EFTS OF OVEREXP)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT
Signs/Symptoms Of Overexp: HLTH HAZ: BY DELIBERATELY CONCENTRATING AND
INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: INHAL:RESTORE BRTHG. KEEP WARM & QUIET. NOTIFY
MD. EYES: FLUSH IMMED W/COPIOUS QTYS OF RUNNING WATER FOR @ LST 15 MIN.
TAKE TO MD FOR DEFINITIVE MEDICAL TREATMENT. SKIN:WASH AFFECTED AREAS WITH
WATER. REMOVE CONTAM CLOTHING. CONSULT A PHYSICIAN. INGEST: CALL A
PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. DRINK 1 OR 2 GLASSES OF
WATER TO DILUTE. TREAT SYMPTOMATICALLY. DO NOT INDUCE VOMITING.
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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: REMOVE ALL IGNIT SOURCES. MOP UP SPILLS OR
ADD ABSORBENT. USE NON-SPARKING TOOLS. USE ADEQ VENT. MOVE LEAKING CNTNRS
TO OUT OF DOORS OBSERVING PREC W/REFERENCE TO FIRE, SPARK & FLAME HAZS. RUN
OFF TO WATERWAY CREATES FIRE HAZ; (SUPP DATA)
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: RECLAIM MATL INCINERATE, OR USE SANITARY LANDFILL
METHOD OF DISPOSAL IN ACCORDANCE WITH STATE, LOCAL AND FEDERAL REGULATIONS.
DO NOT INCINERATE CLOSED CONTAINERS. SEAL EMPTY DRUMS TIGHTLY.
Precautions-Handling/Storing: STORE IN WELL VENT WAREHOUSE. KEEP OUT OF
DIRECT SUNLIGHT OR OTHER HEAT SOURCE. KEEP CNTNRS CLOSED. NO SMOKING.
Other Precautions: DO NOT TAKE INTERNALLY; HARMFUL/FATAL IF SWALLOWED.
CNTNRS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUID IN EXCESS
OF A FEW INCHES. CLOSE CNTNR AFTER EACH USE. DO NOT TRANSFER CONTENTS TO
BOTTLES OR OTHER UNLABELLED (ING 8)
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Control Measures

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Respiratory Protection: IN OPEN AREAS USE NIOSH/MSHA APPRVD MECHANICAL
FILTER RESP TO REMOVE SOLID AIRBORNE PARTICLES DURING SPRAY APPLICATION. IN
RESTRICTED VENT AREAS USE NIOSH/MSHA APPROVED CHEM-MECH FILTERS DESIGNED TO
REMOVE A COMBINATION OF (ING 4)
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Liquid Sandpaper by General Liquids

Ventilation: USE APPROVED SPRAY HOOD. PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENT IN VOL & PATTERN TO KEEP TLV OF MOST (ING 7)

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPVD CHEMICAL SAFETY GOGGLES (FP N

Other Protective Equipment: PREVENT PROLONGED SKIN CONTACT WITH CONTAMINATED CLOTHING.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: EXPLO HAZ: MAY BE GENERATED. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. WATER MAY BE USED TO COOL CLOSED CNTNRS. DO NOT APPLY TO HOT SURFACES. DO NOT STORE OR MIX WITH STRONG OXIDANTS. SPILL PROC: NOTIFY FIRE & HEALTH AGENCIES.

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Transportation Data
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Disposal Data
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Label Data
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Label Required: YES
Technical Review Date: 21OCT93
Label Date: 08OCT93
Label Status: G
Common Name: LIQUID SANDPAPER, A-533
Chronic Hazard: YES
Signal Word: DANGER!
Acute Health Hazard-Moderate: X
Contact Hazard-Moderate: X
Fire Hazard-Severe: X
Reactivity Hazard-None: X
Special Hazard Precautions: FLAMMABLE LIQUID - CLASS 1B. STORE IN WELL INHAL: ANESTHETIC. IRRITATION OF RESPIRATORY TRACT OR ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN OR EYE CONTACT: PRIMARY IRRITANT. CHRONIC: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: GENERAL LIQUIDS CORP
Label P.O. Box: 5867
Label City: BALTIMORE
Label State: MD
Label Zip Code: 21208
Label Country: US
Label Emergency Number: 410-484-7222