

DOW CORNING CORPORATION -- DOW CORNING 281 ADHESIVE -- 8040-00-181-7111
===== Product Identification =====

Product ID:DOW CORNING 281 ADHESIVE
MSDS Date:09/30/1991
FSC:8040
NIIN:00-181-7111
MSDS Number: BDGJC
=== Responsible Party ===
Company Name:DOW CORNING CORPORATION
Address:S SAGINAW RD
City:MIDLAND
State:MI
ZIP:48640
Country:US
Info Phone Num:517-496-6000
Emergency Phone Num:517-496-5900
Pr
eparer's Name:JACK L. SHENEBERGER
CAGE:5D028
=== Contractor Identification ===
Company Name:DOW CORNING CORP
Address:3901 S SAGINAW RD
Box:997
City:MIDLAND
State:MI
ZIP:48686-0997
Country:US
Phone:517-496-6000/517-496-6315
CAGE:5D028
Company Name:STEVEN INDUSTRIES
Address:39 AVENUE C
Box:8
City:BAYONNE
State:NJ
ZIP:07002-3417
Country:US
Phone:201-437-6501
CAGE:33150

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

Ingred Name:XYLENE
CAS:1330-20-7
RTECS #:ZE2100000
Fraction

by Wt: 59%
OSHA PEL:100 PPM;150 STEL
ACGIH TLV:100 PPM;150 STEL
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:TRIMETHYLATED SILICA
CAS:68988-56-7
Fraction by Wt: 21%
OSHA PEL:5 MG/M3 (MFR)
ACGIH TLV:5 MG/M3 (MFR)

Ingred Name:ISOPROPYL ALCOHOL
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 1%
OSHA PEL:400 PPM;500 STEL
ACGIH TLV:400 PPM;500 STEL

Ingred Name:CYCLOTETRASILOXANE, OCTAMETHYL-;
(OCTAMETHYLCYCLOTETRASILOXANE)
CAS:556-67-2
RTECS #:GZ4397000
Fraction by Wt: 2%
OSHA PEL:10 PP
M (MFR)
ACGIH TLV:10 PPM (MFR)

Ingred Name:SILOXANES & SILICONES DI-ME HYDROXY-TERMINATED; (DIMETHYL
SILOXANE, HYDROXY-TERMINATED)
CAS:70131-67-8
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:SUPDAT:CONTROL ANIMALS. THIS EFT WAS REVERSIBLE WHEN DOSING
WAS STOPPED AFTER 90 DAYS. FURTHER STUDIES INDICATED (ING 7)
RTECS #:9999999ZZ

Ingred Name:ING 6:THAT RODENT LIVER ENLARGEMENT BY ING 4 WAS DUE TO
INCREASED NUMBER OF LIVER CELLS WHICH APPEARED NORMAL.
RTECS #:9999999ZZ

Ingred Name:SPILL

PROC:U.S. SURFACE WATERS, THAT CAUSE A VISIBLE SHEEN
MUST BE REPORTED TO THE NRC.
RTECS #:9999999ZZ

Ingred Name:OTHER PREC:CONTROL VAP EXPOS W/IN INHAL GUIDELINES WHEN
HNDLG AT ELEVATED TEMPS. REVIEW OSHA FORMALDEHYDE REGS (ING 10)
RTECS #:9999999ZZ

Ingred Name:ING 9:FOR DETAILED INFORMATION ON SAFE HANDLING
REQUIREMENTS.
RTECS #:9999999ZZ

Ingred Name:HYGIENE PRACT:SMOKING. WASHING AT MEALTIME & END OF SHIFT
IS ADEQ. IF SPLASH OCCURS, CHANGE CONTAM CLTHG AS SOON(ING 12)
RTECS
#:9999999ZZ

Ingred Name:ING 11:AS POSS & THORO FLUSH AFFECTED AREAS W/COOL WATER.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:DIRECT CONT IRRITS SLIGHTLY
W/REDNESS & SWELL. SKIN:SINGLE RELATIVELY SHORT EXPOS (3 00F/149C. PROVIDE VENT
TO (ING 9)

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION
UNLESS LOCAL EXHAUST VENTILATION IS ADEQUATE OR AIR SAMPLING DATA
SHOW EXPOSURES ARE W/IN TLV & PEL GUIDELINES. SUITABLE RESPIRATOR:
NIOSH/MSHA APPROVED ORGANIC VAPOR TYPE.
Ventilation:LOCAL EXHAUST/MECHANICAL (GENERAL) RECOMMENDED.
Protective Gloves:RUBBER OR PLASTIC GLOVES.
Eye Protection:ANSI APPROVED CHEM SAFETY GOGGLES
Other Protective Equipment:

NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:GOOD PRACTICE REQS THAT GROSS AMT OF ANY CHEM BE REMOVED FROM SKIN AS SOON AS PRACTICAL, ESP BEFORE EATING/ (ING 11)

Supplemental Safety and Health

EXPLO HAZ:BONDING & GROUNDING, INERT GAS PURGE, VAP DILUTION & THE LIKE. EFTS OF OVEREXP:SERIOUSLY. RPTD SWALLOWING OF LG AMTS MAY INCR LIVER SIZE. PRLNG XYLENE OVEREXP MAY INJURE LUNGS, BLOOD, LIVER, KIDNEYS, NERV SYS. LAB RODENTS RPTDLY EXPOS TO ING 4 BY INHAL/INGEST D

EVEL INCR LIVER WT AS COMPARED TO UNEXPOS (ING 6)

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

Boiling Pt:B.P. Text:290F,143C

Vapor Pres:25 @ 77F

Vapor Density:3.7

Spec Gravity:0.94

Solubility in Water: