

DOW CORNING -- CHANNEL SEALANT 94-031 -- 8030-00-145-0310

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

Product ID:CHANNEL SEALANT 94-031

MSDS Date:01/11/1991

FSC:8030

NIIN:00-145-0310

MSDS Number: BDCGK

=== Responsible Party ===

Company Name:DOW CORNING

Address:SOUTH SAGINAW ROAD

City:MIDLAND

State:MI

ZIP:48686

Country:US

Info Phone Num:517-496-6000

Emergency Phone Num:517-496-5900

Preparer'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:DOW CORNING CORP

Address:2200 W SALZBURG RD

Box:City:AUBURN

State:MI

ZIP:48611

Country:US

Phone:517-496-4388

CAGE:71984

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

Ingred Name:SILICA, CRYSTALLINE - FUSED; (SILICA, FUSED)

CAS:60676-86-0

RTECS #:VV73

28000

Fraction by Wt: 36%

OSHA PEL:0.1 MG/M3 RDUST

ACGIH TLV:0.1 MG/M3 RDUST

Ingred Name:SILICA, CRYSTALLINE - QUARTZ; (QUARTZ)

CAS:14808-60-7

RTECS #:VV7330000

Fraction by Wt: 0.7%

OSHA PEL:0.1 MG/M3 RDUST

ACGIH TLV:0.1 MG/M3 RDUST

Ingred Name:STYRENE, MONOMER; (STYRENE) (SARA III)

CAS:100-42-5

RTECS #:WL3675000

Fraction by Wt: 0.3%

OSHA PEL:100 PPM

ACGIH TLV:50 PPM;100 STEL, S

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:TRIMETHYLATED SILICA

CAS:68909-20-6

Fraction by Wt: 3%

Other

REC Limits:5 MG/M3, C (MFR)

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:METHYLTRIFLUOROPROPYL POLYSILOXANE HYDROXY TERMINATED

CAS:68607-77-2

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:STYRENE DIVINYLBENZENE COPOLYMER; (STYRENE-DIVINYLBENZENE  
POLYMER)

CAS:9052-02-3

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:METHYL VINYL, TRIFLUOROPROPYL METHYL SILOXANE COPOLYMER

CAS:68952-02-3

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:HYGIENE PRACT:AS SOON AS PRACTICAL, ESPECIALLY BEFORE  
EATING OR SMOKING.

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===== 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:EYE:DIRECT CONT MAY CAUSE TEMPORARY DISCOMFORT W/MILD REDNESS & DRYNESS SIMILAR TO WINDBURN.

SKIN:SINGLE RELATIVELY SHORT EXPOS CAUSES NO KNOWN ADVERSE EFT. SEVERAL RPTD PRLNG EXPOS (24-48 HRS) MAY IR R

IT. INHAL:SHORT VAP

EXPOS MAY CAUSE DROW & IRRIT NOSE & THROAT. VAPS MAY INJURE NERV SYS & BLOOD. (EFTS OF OVEREXP)

Explanation of Carcinogenicity:SILICA, CRYSTALLINE-QUARTZ:IARC

MONOGRAPHS, SUPP, VOL 7, PG 341, 1987:GRP 2A. NTP 7TH ANNUAL RPT ON CARCINS, (SUPDAT)

Effects of Overexposure:HLTH HAZ:DEGREE OF INJURY WILL DEPEND ON CONC & DURATION OF EXPOS. INGEST:SM AMTS TRANSFERRED TO MOUTH BY FINGERS DURING USE, ETC, SHOULD NOT INJURE. SWALLOWING LG AMTS MAY CAUSE DIGE

ST DISCOMFORT. NO INJURY FROM DUSTS SHOULD OCCUR DURING REAS USE. IF USE CREATES RESP PARTICLES, SOME RESP SYS INJURY MAY OCCUR. (SUPDAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGEST:CALL MD IMMEDIATELY . EYES:FLUSH W/WATER FOR AT LEAST 15 MINUTES. SKIN:WIPE OFF & FLUSH W/WATER. INHAL:REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF ILL EFFECTS PERSIST.

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

Flash Point Method:CC

Flash Point:>212F,>100C

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:TOXIC FLUORINE COMPOUNDS FORM. EVACUATE AREA IN CASE OF OVERHEATING OR FIRE.

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

Spill Release Procedures:COLLECT & CONTAIN FOR SALVAGE OR DISPOSAL

. USE

PROTECTIVE EQUIPMENT. REPORTABLE QUANTITY:STYRENE: 1,000 LBS.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:PRECS ARE FOR ROOM TEMP HNDLG, USE AT  
ELEVATED TEMPS OR AEROSOL/SPRAY APPLICATIONS, MAY REQ ADDED PRECS.  
AVOID BRTHG VAPS & USE ONLY W/ADEQ VENT.

Other Precautions:USE REASONABLE CARE. THIS MATL MAY FORM HIGHLY TOX  
VAPS OF TRIFLUOROPROPIONALDEHYDE IF HEATED IN A  
IR >300F/149C.

PROVIDE VENT TO CONTROL VAP EXPOS. INHAL GUIDELINES HAVE NOT BEEN  
ESTABLISHED.

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===== 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:  
ORGANIC VAPOR TYPE; DUST/MIST TYPE.

Ventilation:LOCAL EXHAUST &/OR MECHANICAL (GENERAL) RECOMMENDED.

Protective

Gloves:IMPERVIOUS GLOVES .

Eye Protection:SAFETY GLASSES, AS A MINIMUM.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASHING AT MEALTIME & END OF SHIFT IS ADEQ.

GOOD PRACTICE REQS THAT GROSS AMT OF ANY CHEM BE REMOVED FROM SKIN  
(ING 8)

Supplemental Safety and Health

EXPLAN OF CARCIN:1994:ANTIC TO BE CARCIN. STYRENE:IARC MONOGRAPHS,  
SUPP, VOL 7, PG 345, 1987:GRP 2B. ANIMAL:NERV SYS. EFTS OF  
OVEREXP:PRLNG QUARTZ OVEREXP MAY CAUSE SILICOSIS. STY

RENE IS

SUSPECTED HUM AN CARCIN. PRLNG, RPTD OVEREXPS ALSO MAY CAUSE CNS  
DEPRESS, POSS ENHANCED BY DRINKING ALCOHOLIC BEVERAGES.

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

HCC:N1

Spec Gravity:1.5

Solubility in Water: