

DOW CORNING CORP -- 3179 DILATANT COMPOUND -- 6850-01-247-7193

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

Product ID:3179 DILATANT COMPOUND

MSDS Date:12/04/1990

FSC:6850

NIIN:01-247-7193

MSDS Number: BJRSZ

=== Responsible Party ===

Company Name:DOW CORNING CORP

Address:3901 S SAGINAW RD

Box:997

City:MIDLAND

State:MI

ZIP:48640

Country:US

Info Phone Num:517-496-6000

Emergency Phone Num:517-496-5900

Prepare

r's Name:JACK L SHENEGER

CAGE:5D028

=== Contractor Identification ===

Company Name:ADIRONDACK ELECTRONICS INC

Address:1991 CENTRAL AVENUE

Box:City:ALBANY

State:NY

ZIP:12205

Country:US

Phone:518-456-0203

CAGE:1A737

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:7

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Composition/Information on Ingredients  
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Ingred Name:GLYCERIN

CAS:56-81-5

RTECS #:MA8050000

Fraction by Wt: 1%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 (MIST) 9293

Ingred Name:BORIC ACID (OBSERVE PARTICULATES LIMITS) 5 MG/M3 RESPIRABLE  
FRACTION

CAS:10043-35-3

RTECS #:ED4550000

Fraction by Wt: 4%

OSHA PEL:15 MG/M3 TOTAL DUST

ACGIH TLV:10 MG/M3 TOTAL DUST

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: 1%

OSHA PEL:15 MG/M3 TD

UST

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:SILICA, CRYSTALLINE - QUARTZ

CAS:14808-60-7

RTECS #:VV7330000

Fraction by Wt: 17%

OSHA PEL:SEE TABLE Z3

ACGIH TLV:0.1 MG/M3 RDUST;9293

Ingred Name:THIXOTROL ST

CAS:51796-19-1

Fraction by Wt: 9%

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Hazards Identification  
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and C

chronic:NO INJURY FROM DUSTS SHOULD OCCUR DURING REASONABLE USE. IF USE CREATES RESPIRABLE PARTICLES, SOME RESP SYS INJURY MAY OCCUR. MAY ENHANCE ALLERGIC COND ON CERTAIN PEOPLE. PRLNGD QUARTZ DUST OVEREXPOS MAY CAUSE CANCER IN LAB ANIMALS, BUT ONLY LTD EVID OF CANCER AMONG HUMANS. PRLNGD QUARTZ OVEREXPOS MAY CAUSE SILICOSIS.

Explanation of Carcinogenicity:QUARTZ:CLASS 2A (IARC)

Effects of Overexposure:EYE:DIRECT CNTCT IRRIT SLIGHTLY W/REDNESS & SWELLING. SKIN:SINGLE RELA

TIVELY SHORT EXPOSURE CAUSES NO KNOWN

ADVERSE EFT.SEVERAL RPTD/PRLNGD EXPOSURES (24-48 HRS) MAY IRRIT.

INHAL:NO IRRIT TO RESP PASS AGES. NO INJURY IS LIKELY FROM SHORT

EXPOS OF LESS THAN 8 HRS. INGEST:SMALL AMTS TRANSFERRED TO MOUTH BY (SEE SUPP DATA)

Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:EYES:FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES. SKIN:WIPE OFF AND FLUSH WITH WATER. INHAL:NO FIRST AID SHOULD BE NEEDED. INGEST:GET MD.

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

Flash Point Method:CC

Flash Point:OF,-18C

Extinguishing Media:WATER FOG, CO\*2, DRY CHEMICAL, FOAM

Fire Fighting Procedures:NIOSH/MSHA SCBA AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS.

Unusual Fire/Explosion Hazard:NONE KNOWN

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

Spill Release Procedures:COLLECT PRODUCT AND CONTAIN FOR SALVAGE OR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE REASONABLE CARE. PRECAUTIONS ARE FOR ROOM TEMP HNDLG;USE AT ELEVATED TEMPS, OR AEROSOL/SPRAY APPLICATIONS MAY REQUIRE ADDED PRECAUTIONS.

Other Precautions:TRACES OF FORMALDEHYDE (CARCINOGEN) MAY FORM IF HEATED IN AIR ABOVE 300F. REVIEW THE OSHA FORMALDEHYDE REGULATIONS FOR DETAILED INFORMATION ON S

## SAFE HANDLING REQUIREMENTS.

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

Respiratory Protection:NO RESPIRATORY PROTECTION SHOULD BE NEEDED. USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN

Ventilation:MECHANICAL (GENERAL) RECOMMENDED.PROVIDE VENT TO CONTROL VAP EXPOS W/I INHAL GUIDELINES WHEN HNDLG AT ELEVATED TEMPS.

Protective Gloves:NONE SPECIFIED BY MANUFACTURER.

Eye Protection:CHEMICAL WORKERS GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASHING AT MEALTIME/END OF SHIFT IS ADEQUATE. GOOD PRAC REQUIRES GROSS AMT OF ANY CHEM BE REMOVED FROM (SEE SUPP DATA)

Supplemental Safety and Health

EFFECTS OF OVEREXPOS:FINGERS DURING USE, ETC., SHOULD NOT INJURE.

SWALLOWING LARGE AMOUNTS MAY INJURE SLIGHTLY. HYGIENE PRAC:SKIN AS SOON AS PRACTICAL, ESPECIALLY BEFORE EATING OR SMOKING.

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

HCC:N1

Spec Gravity:1.14

Solubility in Water: