

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Liquid D
Product Number: 2041D
Chemical Name: Colloidal Silica
Chemical Family: Inorganic
CAS Number: Blend

Company Identification

Tecnadent-Div. of CMP Industries LLC
413 North Pearl St
Albany, NY 12207-1311 USA
(518)-434-3147 (For product information)
(800)-424-9300 (For emergencies)
1-800-424-9300 or 1-202-483-7616 (CHEMTREC)

2. HAZARDS IDENTIFICATION

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*****      EMERGENCY OVERVIEW      *****
*
*                                CAUTION                                *
*
*      Avoid inhalation and eye contact.      *
*
*****

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EYE:

Causes eye irritation.

SKIN:

Causes skin irritation.

INHALATION:

May cause irritation of the upper respiratory passages.

INGESTION:

Ingestion is not considered a likely route of exposure. Harmful if swallowed.



(section 2 continued)

CHRONIC EFFECTS:

Prolonged inhalation of fumes and dust can increase lung injury in individuals with emphysema, asthma or other lung disorders.

REPRODUCTIVE HAZARDS:

None.

CARCINOGENICITY INFORMATION:

Suspect cancer hazard (contains material which) may cause cancer.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Not determined.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
SILICA, COLLOIDAL	10.0 - 20.0 %	7631-86-9

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains materials that are acute hazards.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Immediately flush eyes with plenty of water. Get medical attention.

SKIN CONTACT FIRST AID:

Immediately flush skin with plenty of water for at least 15 minutes. Get medical attention.

If cool wax contacts skin, wash with warm soapy water.

INHALATION FIRST AID:

Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

INGESTION FIRST AID:

Do not induce vomiting. Give water. Get medical attention.



5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: N/A
Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A
UEL: N/A

FLAMMABLE PROPERTIES:

Not Flammable under normal conditions.

EXTINGUISHING MEDIA:

Non-flammable.

FIRE & EXPLOSION HAZARDS:

Contact with reactive metals (such as aluminum) may result in the generation of flammable hydrogen gas.

COMBUSTION PRODUCTS:

None.

6. ACCIDENTAL RELEASE MEASURES

LARGE SPILLS PROCEDURE:

Dike to prevent spreading and reclaim into recovery or salvage drums for disposal.

Wear respirator and protective clothing as appropriate. Shut off source of leak. Dike & contain. Allow wax to cool and remove as solid.

SMALL SPILLS PROCEDURE:

Contain with absorbent material, such as clay, soil or any commercially available absorbent. Shovel and reclaim liquid & absorbent in drums for disposal.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Use only in a well-ventilated area.

HANDLING (PHYSICAL ASPECTS):

Empty containers may contain residual product. Do not reuse unless properly reconditioned.



(section 7 continued)

STORAGE PRECAUTIONS:

Keep container closed when not in use. Store in a cool place. Use with adequate ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE / FACE PROTECTION REQUIREMENTS:

Use splash goggles.

SKIN PROTECTION REQUIREMENTS:

Wear impermeable gloves.

RESPIRATORY PROTECTION REQUIREMENTS:

When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

MISCELLANEOUS:

Use general ventillation.

EXPOSURE GUIDELINES:

SILICA, COLLOIDAL

OSHA Ceiling Limit: 20 ppm, 80 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: Translucent
ODOR: No odor
BOILING POINT: 212 F
SOLUBILITY IN WATER ...: Dispersible
SPECIFIC GRAVITY: 1.25 (Water = 1)

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Product will not undergo polymerization.

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with aluminum.



(section 10 continued)

DECOMPOSITION:

Decomposition will not occur.

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Dispose of waste material in accordance with all local, state/provincial, and national requirements.

14. TRANSPORT INFORMATION

PRODUCT LABEL: Liquid D
D.O.T. SHIPPING NAME: N/A
TECHNICAL SHIPPING NAME ...: N/A
D.O.T. HAZARD CLASS: N/A
UN NUMBER: N/A

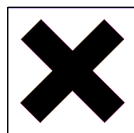
15. REGULATORY INFORMATION

REGULATORY LISTS SEARCHED:

01 = SARA 313	02 = CA Proposition 65
03 = SARA 302/304	04 = CERCLA 302.4
05 = ACGIH TWA	06 = ACGIH STEL
07 = ACGIH CALC TLV	08 = OSHA PEL
09 = CANADIAN WHMIS	10 = OSHA Ceiling

EEC Symbols and Indications of Danger:

Irritant (Xi)



(section 15 continued)

R-Phrases:

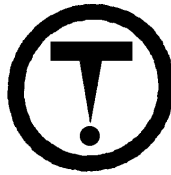
R36/38 - Irritating to eyes and skin.
R37 - Irritating to respiratory system.

S-Phrases:

S3/9 - Keep in a cool, well-ventilated place.
S3/7 - Keep container tightly closed in a cool place.

WHMIS Hazard Symbols:

Class D2 - Materials Causing Other Toxic Effects



Canadian Disclosure List

SILICA, COLLOIDAL (7631-86-9)

16. OTHER INFORMATION

PREPARED BY: Phyll Tabone
APPROVED BY: John Nicpon
TITLE: Quality Manager
APPROVAL DATE: November 1, 2013
SUPERCEDES DATE ...: June 23, 2011
RTN NUMBER: 00002023 (Official Copy)

ABBREVIATIONS USED IN THIS MSDS:

TLV - THRESHOLD LIMIT VALUE	TWA - Time Weighted Average
STEL - SHORT TERM EXPOSURE LIMIT	TPQ - Threshold Planning Quantity
RQ - REPORTABLE QUANTITY	PEL - Permissible Exposure Limit
C - CEILING LIMIT	CAS - Chemical Abstract Service Number
NDA - NO DATA AVAILABLE	N/A - Not Applicable or Not Available

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END OF MSDS

