

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME UNITED CHEMICAL & SUPPLIES		EMERGENCY TELEPHONE NO. 016-474-4024
ADDRESS (Number, Street, City, State, and ZIP Code) 2021 WASHINGTON KANSAS CITY, MO 64108		
CHEMICAL NAME AND SYNONYMS DIATOMITE		TRADE NAME AND SYNONYMS ABSORBER
CHEMICAL FAMILY AMORPHOUS SILICA	FORMULA PROPRIETARY	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS NONE			BASE METAL NONE		
CATALYST NONE			ALLOYS NONE		
VEHICLE NONE			METALLIC COATINGS NONE		
SOLVENTS NONE			FILLER METAL PLUS COATING OR CORE FLUX NONE		
ADDITIVES NONE			OTHERS NONE		
OTHERS NONE					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
NONE					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	2.2
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	.05
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ = 1)	N/A
SOLUBILITY IN WATER	2.0%		
APPEARANCE AND ODOR BUFF TO OFF WHITE, PLEASANT ODOR.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	NONE	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	N/A			
SPECIAL FIRE FIGHTING PROCEDURES	NONE			
UNUSUAL FIRE AND EXPLOSION HAZARDS	NONE			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

6.0 mg/m³

EFFECTS OF OVEREXPOSURE

NONE

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: REMOVE TO FRESH AIR

INGESTION: INDUCE VOMITING TO PURGE. SKIN: WASH WITH SOAP AND WATER

EYES: DO NOT RUB. WASH WITH COPIOUS AMOUNT OF WATER.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

NONE

INCOMPATIBILITY (Materials to avoid)

HYDROFLUORIC ACID

HAZARDOUS DECOMPOSITION PRODUCTS

NONE

HAZARDOUS
POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

CONDITIONS TO AVOID

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

USE CLEANING PROCEDURES SUITABLE FOR ANY INERT DRY PRODUCT

WASTE DISPOSAL METHOD

DISPOSE IN ACCORDANCE WITH STATE OR LOCAL LAWS

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

NONE

VENTILATION

LOCAL EXHAUST

NONE

SPECIAL

NONE

MECHANICAL (General)

NONE

OTHER

NONE

PROTECTIVE GLOVES

NONE

EYE PROTECTION

NONE

OTHER PROTECTIVE EQUIPMENT

NONE

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN DRY AREA

OTHER PRECAUTIONS

NONE