



MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT CODE . . . : P1002 105382 1G
PRODUCT NAME . . . : 3-1326DRUM-OHA RED W.R. PRIMER
PRODUCT CLASS . . . : BULK

MSDS PREPARATION DATE : 10/23/2014

MANUFACTURER IDENTIFICATION:

QUEST INDUSTRIAL PRODUCTS
PO BOX 1090

CUSTOMER IDENTIFICATION:

MENOMONEE FALLS WI 53052-1090

EMERGENCY TELEPHONE NUMBERS:

24 HOURS A DAY - CALL CHEMTREC : 800-424-9300
INTERNATIONAL CALLS TO CHEMTREC : 703-527-3887
8 AM TO 4:30 PM CENTRAL TIME : 262-255-9500

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

1 CALCIUM CARBONATE

CAS# 1317-65-3
CALCIUM CARBONATE
PCT BY WT: 7.0000

EXPOSURE LIMIT:

ACGIH TLV-TWA 10 mg/m3
ACGIH TLV-STEL NO INFO
OSHA PEL-TWA 10 mg/m3
COMPANY N.E.

APPROVED MATERIAL
OCT 29 2014
MSDS # 11208
APPROVED BY *[Signature]*

2 CARBON BLACK

CAS# 1333-86-4
CARBON BLACK
PCT BY WT: .1870

EXPOSURE LIMIT:

ACGIH TLV-TWA 3.0 mg/m3 (inhalable fraction)
ACGIH TLV-STEL NO INFO
OSHA PEL-TWA 3.5 mg/m3
OTHER PROP 65-Cancer, listed 2/21/03, IARC(2B)

OTHER LIMITS:

EINECS 215-609-9

3 IRON OXIDE

CAS# 1309-37-1
IRON OXIDE
PCT BY WT: 6.0000

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EXPOSURE LIMIT:

ACGIH TLV-TWA 5 mg/m3

ACGIH TLV-STEL NO INFO

OTHER LIMITS:

EINECS 215-168-2

4 ALUMINUM SILICATE (HYDRATED)

CAS# 1332-58-7

KAOLIN

PCT BY WT: 5.0000

LEL 100.00

EXPOSURE LIMIT:

ACGIH TLV-TWA 15 mg/m3 (Total Dust)

ACGIH TLV-STEL NO INFO

OSHA PEL-TWA 15 mg/m3 (Total Dust)

OTHER LIMITS:

EINECS 310-194-1

5 SILICA, CRYSTALLINE QUARTZ

CAS# 14808-60-7

SILICA, CRYSTALLINE QUARTZ

PCT BY WT: .1030

EXPOSURE LIMIT:

ACGIH TLV-TWA 0.025 mg/m3 (respirable fraction)

ACGIH TLV-STEL NONE ESTABLISHED

OSHA PEL-TWA 0.1 MG/M3 (respirable fraction)

OSHA PEL-STEL NONE ESTABLISHED

OTHER CALIFORNIA PROP 65-Cancer(listed 10/01/88)

NIOSH NIOSH 0.05 mg/M3 respirable free silica, 10 hours

NOTES NTP & IARC - There is evidence of carcinogenicity

OTHER LIMITS:

EINECS 238-455-4

6 TALC

CAS# 14807-96-6

TALC

PCT BY WT: 1.0000

EXPOSURE LIMIT:

ACGIH TLV-TWA 2 MG/M3

ACGIH TLV-STEL NO INFO

OSHA PEL-TWA 2 MG/M3

COMPANY N.E.

OTHER LIMITS:

EINECS 238-877-9

7 WATER

CAS# 7732-18-5

WATER

PCT BY WT: 49.0000

EXPOSURE LIMIT:

ACGIH TLV-TWA ** NOT HAZARDOUS **

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OTHER LIMITS:

EINECS 231-791-2

8 2-BUTOXYETHANOL

CAS# 111-76-2

2-BUTOXYETHANOL

PCT BY WT: 4.0000 VAPOR PRESSURE: .880 MMHG @ 68F LEL 1.10

EXPOSURE LIMIT:

ACGIH TLV-TWA	25 ppm
ACGIH TLV-STEL	NO INFO
OSHA PEL-TWA	25 ppm
COMPANY	N.E.

OTHER LIMITS:

EINECS 203-905-0

9 1-PROPOXY-2-PROPANOL

CAS# 1569-01-3

Propylene glycol N-propyl ether

PCT BY WT: 7.0000 VAPOR PRESSURE: 1.500 MMHG @ 68F LEL 1.30

EXPOSURE LIMIT:

ACGIH TLV-TWA	NO INFO
ACGIH TLV-STEL	NO INFO

 This product contains one or more reported carcinogens or suspected
 carcinogens which are noted NTP, IARC, or OSHA-Z in the other limits
 recommended column.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Harmful if swallowed.
 Harmful if inhaled.
 Harmful if absorbed through skin.
 Causes eye irritation.
 Causes skin irritation.
 Vapors irritating to eyes and respiratory tract.
 Combustible liquid and vapor.
 May cause flash fire or explosion.

EYE:

May cause severe eye irritation.

SKIN:

Contact with skin may cause irritation with discomfort or rash.
 Prolonged or repeated contact can result in defatting and drying of the
 skin which may result in skin irritation and dermatitis (rash).
 Harmful if absorbed through the skin.
 Skin contact may aggravate an existing dermatitis.

INHALATION:

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Exposure to high concentrations of vapors may cause dizziness, breathing difficulty, headaches or respiratory irritation.

Extremely high concentrations may cause drowsiness, staggering, confusion, unconsciousness, coma or death.

Excessive inhalation of vapors can cause nasal and respiratory irritation.

Breathing high concentrations of vapors may cause anesthetic effects.

Liquid or vapor may be irritating to skin, eyes, throat or lungs.

Intentional misuse by deliberately concentrating and inhaling the contents of this product can be harmful or fatal.

Respiratory symptoms associated with pre-existing lung disorders may be aggravated by exposure to material(s) in this product.

INGESTION:

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

CHRONIC EFFECTS:

Overexposure may cause lung damage.

Persons with pre-existing skin, eye or respiratory disorders should exercise caution to prevent exposure to this product.

Chronic overexposure to a component or components in this material has been found to cause the following effects in laboratory animals:

- Kidney damage

- Blood damage

- Lung damage

- Liver damage

- Spleen damage

- Reproductive system damage

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Contains crystalline silica which may cause cancer based on animal data.

IARC classifies respirable crystalline silica as a Group 1 carcinogen which is a known human carcinogen.

Long term exposure to high levels of crystalline silica dust can cause lung damage (silicosis) and cancer.

The exposure risk of crystalline silica is higher when the respirable portion is available for exposure. The risk of exposure may be reduced when encapsulated in a coating. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications.

The surfactant in this product may emit traces of ethylene oxide (CAS#: 75-21-8) refer to 29 CFR 1910.1047 for current OSHA regulations.

2-Butoxyethanol causes harm to the fetus in laboratory animal studies.

Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.

In April 1996, The International Agency for Research on Cancer (IARC) published Monograph 65 which reclassifies Carbon Black into Group 2B (possibly carcinogenic to humans).

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SECTION 4 - FIRST AID MEASURES

EYE CONTACT:

Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Flush with large quantities of water for 15 minutes.

SKIN CONTACT:

Wash thoroughly with soap and water and seek medical attention if irritation persists. Remove contaminated clothing. Launder contaminated clothing before reuse.

INHALATION:

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

For inhalation overexposure move person to fresh air. If breathing stops, apply artificial respiration and seek medical attention.

INGESTION:

Since this product may contain materials which can cause lung damage if aspirated into the lungs, the decision whether to induce vomiting or not must be made by a physician after careful consideration of all materials ingested.

SECTION 5 - FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES OF THE PRODUCT:

Explosion Level : Low (LEL) - 1.1
High (UEL) - 12.7

EXTINGUISHING MEDIA:

Use Dry Chemical, Carbon Dioxide or Chemical Foam.

FIRE-FIGHTING PROCEDURES AND EQUIPMENT:

Product vapors are heavier than air and may travel a long distance to a source of ignition and flash back.

Flashpoint : 118.4 °F

Full protective equipment including self-contained breathing apparatus to avoid inhalation of vapors should be used.

Water spray should not be used except to keep down vapors or cool closed containers to prevent build-up of pressure. If water is used, fog nozzles are preferred.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

CLEAN-UP AND CONTAINMENT:

Remove all sources of ignition. Avoid heat, sparks, flames and anything which could cause fire.

Ventilate area of spill and adjacent low lying areas. Avoid breathing solvent vapors. Remove with inert absorbent materials and non-sparking tools.

Use water spray to disperse vapors. Minimize breathing gases, vapor, fumes or decomposition products. Use self-contained breathing apparatus

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with full face piece operated in positive pressure mode as needed.

SECTION 7 - HANDLING AND STORAGE

HANDLING:

Wash hands thoroughly after handling.

STORAGE:

Store in a cool dry area with ventilation suitable for storing materials shown in section 2.

Keep away from heat, sparks and flame.

Store in a cool place away from direct sunlight or any source of ignition. Do not store at temperatures above 120 degrees F.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

ENGINEERING CONTROLS:

Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH's TLV limit.

RESPIRATORY PROTECTION:

If workplace exposure limits are exceeded for any component (see section 2 for hazardous components and exposure limits), a NIOSH/OSHA approved respirator suitable for components listed is recommended.

SKIN PROTECTION:

Chemical resistant plastic or rubber gloves recommended for prolonged or repeated contact.

EYE PROTECTION:

Chemical goggles with side shields or face shield recommended if contact with the eyes is likely.

OTHER PROTECTIVE EQUIPMENT:

Appropriate impervious clothing is recommended if prolonged or repeated contact is likely.

HYGIENIC PRACTICES:

Wash hands before eating or smoking. Smoke in designated areas only.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	:	1.50	mm Hg @ 20 C
Vapor Density	:	-N/A	
Boiling Range	:	Lower - 212.0	°F
		Higher - 999.0	°F
Specific Gravity	:	1.175	
Formula Weight per Volume	:	9.7805	LB/GL
VOC (Calculated, LB/GAL)	:	2.825	
VOC (Calculated, GM/L)	:	338.51	
Percent Volatile by Weight	:	61.5607	
Percent Volatile by Volume	:	73.8803	
Evaporation Rate	:	.100	(n-Butyl Acetate = 1)
Viscosity	:	-N/A	

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SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID:

INCOMPATIBILITIES:

DECOMPOSITION:

Thermal decomposition may produce carbon dioxide, carbon monoxide, and unidentifiable organic materials.

When heated to decomposition, it emits nitrous oxides and ammonia vapors.

POLYMERIZATION:

STABILITY:

SECTION 11 - TOXICOLOGICAL INFORMATION

No specific information is available. Please refer to Section 2 and 3 for available information on exposure limits and hazards identification.

SECTION 12 - ECOLOGICAL INFORMATION

No specific ecological information is available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Place in closed containers. Dispose of product in accordance with local, county, state, and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

Not Regulated.

SECTION 15 - REGULATORY INFORMATION

SARA 313 INFORMATION:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

2-BUTOXYETHANOL

CAS# 111-76-2 PCT BY WT: 3.6470

FEDERAL REGULATIONS:

TOXIC SUBSTANCES CONTROL ACT: The chemical substances in this product are listed on the TSCA Section 8 inventory.

STATE REGULATIONS:

This product contains chemical(s) which are listed on California's

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proposition 65 list. If the product is to be sold or used in California a clear and reasonable warning must be provided such as:
Warning! This product contains a chemical or chemicals known to the State of California to cause cancer.

NEW JERSEY RIGHT-TO-KNOW

The following non-hazardous ingredients are among the top five components in this product

CHEMICAL NAME	CAS NUMBER
ALKYD RESIN SOLIDS	NONE

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3 %

CHEMICAL NAME	CAS NUMBER
ALKYD RESIN SOLIDS	NONE

INTERNATIONAL REGULATIONS:

CANADA: The chemical substances in this product are listed on the Canadian Domestic Substances List.

SECTION 16 - OTHER INFORMATION

The information contained on this MSDS is believed to be reliable and accurate. Due to the changing nature of government information, it is impossible to guarantee the accuracy of the information contained herein. Since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by the use of this material. This information should not be regarded as legal advice or regulation. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations. For questions relating to specific aspects of the requirements and regulations consult the proper regulatory agency.

HMIS RATINGS:

HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 PERSONAL PROTECTION: C