



# Cedar Heights Clay

P. O. Box 295 • Oak Hill, OH 45656-0295 • (614) 682-7794 • FAX (614) 682-6438



## MATERIAL SAFETY DATA SHEET

To comply with OSHA's 29 CFR 1910.1200 and Bill No. 70 WHMIS Hazard Communication Standards.

### SECTION I - IDENTIFICATION OF MATERIAL AND MANUFACTURER

**MANUFACTURER'S NAME AND ADDRESS:**

Resco Products, Inc.  
Cedar Heights Clay Division  
P.O. Box 295  
3542 State Route 93  
Oak Hill, OH 45656

**EMERGENCY PHONE:**

(614) 682-7794

**CHEMICAL NAME AND SYNONYMS:**

Hydrous Alumina Silicate

**TRADE NAME AND SYNONYMS:**

Redart

**CHEMICAL FAMILY:** Silicate

### SECTION II - CHEMICAL COMPOSITION

**INGREDIENTS:**

Crystalline silica (quartz)  
Hydrous aluminum silicate

**C.A.S. NUMBER**

14808-60-7  
1332-58-7

**EXPOSURE LIMITS**

Crystalline silica (quartz)  
Hydrous aluminum silicate

0.1 mg/m TWA (ACGIH)  
10 mg/m TWA (ACGIH)

### SECTION III - PHYSICAL DATA

**BOILING POINT:** N/A  
**VAPOR PRESSURE (mmHg):** N/A  
**VAPOR DENSITY (Air=1):** N/A  
**SOLUBILITY IN WATER:** N/A

**SPECIFIC GRAVITY (H<sub>2</sub>O):** 2.3  
**%VOLATILE BY VOLUME:** N/A  
**EVAPORATION RATE:** N/A

**APPEARANCE AND ODOR:** Dark red with earthy odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA - 0

FLASH POINT (Method Used): N/A  
FLAMMABLE LIMITS: N/A  
Lel: N/A Uel: N/A  
EXTINGUISHING MEDIA: Not flammable. May actually be used as an extinguisher.  
SPECIAL FIRE FIGHTING PROCEDURES: None  
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V - HEALTH HAZARD DATA - 2

PERMISSIBLE EXPOSURE LIMIT: As for the product ingredients listed under, "HAZARDOUS MIXTURES, LIQUIDS, SOLIDS, OR GASES" in Section II of this form.  
THRESHOLD LIMIT VALUE: As for the product ingredients listed under, "HAZARDOUS MIXTURES, LIQUIDS, SOLIDS, OR GASES" in Section II of this form.  
EFFECTS OF OVEREXPOSURE: Dust irritates eyes and respiratory tract.  
EMERGENCY AND FIRST AID PROCEDURES: Wash skin thoroughly with water. Flush eyes for 15 minutes with gently running water. In case of inhalation, move to fresh air.  
PRIMARY ROUTE(S) OF ENTRY INTO THE BODY: Skin contact, eyes, inhalation of fine fraction.  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Any debilitating condition of the lungs, eyes, or other mucous membranes.  
WARNING: IARC MONOGRAPH, VOLUME 42, "EVALUATION OF THE CARCINOGENIC RISK OF CHEMICALS TO HUMANS, SILICA AND SOME SILICATES" PUBLISHED IN 1987 LISTS SILICA AS A CLASS 2A CARCINOGEN. THIS MEANS THAT IN THEIR OPINION THERE IS SUFFICIENT EVIDENCE FOR THE CARCINOGENICITY OF CRYSTALLINE SILICA TO EXPERIMENTAL ANIMALS AND LIMITED EVIDENCE FOR THE CARCINOGENICITY OF CRYSTALLINE SILICA TO HUMANS.

SECTION VI - REACTIVITY DATA - 0

STABILITY: Stable  
INCOMPATIBILITY (MATERIALS TO AVOID): None known.  
HAZARDOUS DECOMPOSITION PRODUCTS: May release carbon monoxide and sulfur dioxide when heated above 260°C.  
CONDITIONS TO AVOID: Hazardous polymerization won't occur.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Ordinary cleaning procedures taking care to avoid raising dust clouds. Avoid breathing dust.

WASTE DISPOSAL METHOD: Bury in approved landfill.

PAGE 3

SECTION VIII - SPECIAL PROTECTION INFORMATION - E

RESPIRATORY PROTECTION (SPECIFY TYPE): NIOSH approved dust respirator if working in dusty conditions (above TLV).

LOCAL EXHAUST: Ventilation to keep dust/fume level below TLV.

EYE PROTECTION: Safety glasses.

OTHER PROTECTIVE EQUIPMENT: None

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS: Avoid breathing dust.

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE AND IS GIVEN IN GOOD FAITH, HOWEVER NO WARRANTY CAN BE MADE.

OCT 20, 1993