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: EMERGENCY PHONE:
Resco Products, Inc. (614) 682-7794
Cedar Heights Clay Division
P.O. Box 295
3542 State Route 93
Oak Hill, OH 45656

CHEMICAL NAME AND SYNONYM/TRADE NAME AND SYNONYMS:
Hydrous Alumina Silicate
Goldart

CHEMICAL FAMILY: Silicate

SECTION II - CHEMICAL COMPOSITION

INGREDIENTS: C.A.S. NUMBER
Crystalline silica (quartz) 14808-60-7
Hydrous aluminum silicate 1332-58-7

EXPOSURE LIMITS
Crystalline silica (quartz) 0.1 mg/m TWA (ACGIH)
Hydrous aluminum silicate 10 mg/m TWA (ACGIH)

SECTION III - PHYSICAL DATA

BOILING POINT: N/A
SPECIFIC GRAVITY (H2O): 2.3
VAPOR PRESSURE (mmHg): N/A
% VOLATILE BY VOLUME: N/A
VAPOR DENSITY (Air=1):
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: N/A
APEARANCE AND ODOR: Grey with earthy odor.
SECTION IV - FIRE AND EXPLOSION HAZARD DATA - 0

FLASH POINT (Method Used): N/A
FLAMMABLE LIMITS: N/A
Le: N/A Ue: 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 CRYS TALLINE SILICA TO EXPERIMENTAL ANIMALS AND LIMITED EVIDENCE FOR THE CARCINOGENICITY OF CRYS TALLINE 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.
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.

FEB 3, 1993
ATTACHMENT TO M.S.D.S.

IMPORTANT NOTICE

This information relates only to the specific product or material designated and may not be valid for such product or material used in combination with any other materials or products or any process. The information is, to the best of our knowledge and belief, accurate and reliable as of the data compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against patent infringement.
WARNING: Contains silica.

RISK PHRASE(S): Prolonged breathing of dust will increase the risk of serious lung disease (silicosis) and may cause irritation to eyes, skin, and respiratory tract. There is limited evidence of crystalline silica as a carcinogen to humans.

PRECAUTIONARY MEASURES: Avoid breathing dust. Use adequate ventilation, and approved respiratory protection. Wear suitable gloves and protective clothing.

FIRST AID MEASURES: EYES: Flush with water for 15 minutes.
SKIN: Wash with soap and water.
INGESTION: Drink plenty of water.
INHALATION: Remove to fresh/clean air.
If any of the above irritations persists seek medical attention immediately.

AVERTISSEMENT: Contient de la silice.

MENTION(S) DE RISQUE: Respirer pendant de longues périodes cette poussière augmente les risques de contracter une maladie pulmonaire (la silicose) et peut causer l'irritation des yeux, de la peau et des voies respiratoires. Il y a des preuves limitées que la silice cristalline est un cancérogène pour les humains.


PREMIERS SOINS: YEUX: Rincer à l'eau pendant 15 minutes.
PEAU: Laver avec du savon et de l'eau.
INGESTION: Faire boire beaucoup d'eau à la personne.
INHALATION: Placer la personne incommode à l'air propre et frais. Si les irritations ci-dessus persistent, procurer immédiatement des soins médicaux.

REFER TO MATERIAL SAFETY DATA SHEET FOR FURTHER INFORMATION.
SE REPORTER À LA FICHE TECHNIQUE SÉCURITÉ-SANTÉ POUR DE PLUS AMPLES RENSEIGNEMENTS.

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