

AMERICAN CHEMICAL & FLUX PRODUCTS DIV OF MARCO CO -- HEAT FENCE -- 3439-01-266-4557

===== Product Identification =====

Product ID:HEAT FENCE
MSDS Date:05/06/1991
FSC:3439
NIIN:01-266-4557
MSDS Number: BYDKW
=== Responsible Party ===
Company Name:AMERICAN CHEMICAL & FLUX PRODUCTS DIV OF MARCO CO
Address:5722 UNION PACIFIC AVENUE
City:LOS ANGELES
State:CA
ZIP:90022-5135
Country:US
Info Phone Num:213-723-0711
Emergency Phone Num:213-723-0713
CAGE:OBTX0

=== Contractor Identification ===

Company Name:AMERICAN CHEMICAL CORP
Address:35555 CURTIS BLVD
Box:City:EAST LAKE
State:OH
ZIP:44094
Phone:215-943-7600
CAGE:OBTX0
Company Name:MARCO CO
Address:5722 UNION PACIFIC AVENUE
Box:City:LOS ANGELES
State:CA
ZIP:90022-5135
Country:US
Phone:213-723-0711
CAGE:55278

===== Composition/Information on Ingredients =====

Ingred Name:BENTONITE
CAS:1302-78-9
RTECS #:CT9450000
Fraction by Wt: 3-50%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (DUST)
ACGIH TLV:5 MG/M3 (DUST)

Ingred Name:DEIONIZED WATER
Fraction by Wt: 50-70%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SILICA, CRYSTALLINE - CRISTOBALITE
CAS:14464-46-1
RTECS #:VV7325000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:0.05 MG/M3 RDUST9495

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
 Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
 Health Hazards Acute and Chronic:ACUTE: SHORT-TERM OVEREXPOSURE TO
 WELDING FUMES MAY RESULT IN DISCOMFORT SUCH AS: DIZZINESS, NAUSEA,
 DRYNESS, IRRITATION OF NOSE/THROAT/EYES, TIGHTNESS IN CHEST, FEVER,
 ALLERGIC REACTIONS. CHRONIC: LONG-TERM EXPOSURE TO WELDING FUMES
 MAY LEAD TO SIDEROSIS AND IS BELIEVED TO AFFECT PULMONARY FUNCTION.
 Explanation of Carcinogenicity:CRYSTALLINE SILICA IS LISTED BY IARC AS
 A (2A) SUSPECTED CARCINOGEN.
 Effects of Overexposure:DIZZINESS, NAUSEA, DRYNESS, IRRITATION OF
 NOSE/THROAT/EYES, TIGHTNESS OF CHEST, FEVER, ALLERGIC RECTIONS.
 Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:REMOVE TO FRESH AIR & OBTAIN MEDICAL ATTENTION. EMPLOY FIRST
 AID TECHNIQUES RECOMMENDED BY THE AMERICAN RED CROSS.

===== Fire Fighting Measures =====

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: MEDIA
 APPROPRIATE FOR SURROUNDING FIRE.
 Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: WEAR
 SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.
 Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

===== Accidental Release Measures =====

Spill Release Procedures:SWEEP UP AND DISPOSE OF IN A DOT-APPROVED
 WASTE CONTAINER. KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS
 AND SOIL. COMPLY WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL
 REGULATIONS FOR WASTE DISPOSAL .
 Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.
 Other Precautions:NONE SPECIFIED BY MANUFACTURER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.
 Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO
 MAINTAIN EXPOSURE BELOW TLV(S).
 Protective Gloves:NONE SPECIFIED BY MANUFACTURER.
 Eye Protection:PROPER WELDERS HELMET.
 Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
 Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING,
 DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.
 Supplemental Safety and Health
 OTHER PRECAUTIONS FOR ADDITIONAL SAFETY INFORMATION ON WELDING AND
 CUTTING, SEE AMERICAN STANDARD Z49.1-1983, "SAFETY IN WELDING AND
 CUTTING", AND THE WELDING HANDBOOK, VOL. 1, CHAPTER 9, "SAFE PRACTI
 CES IN WELDING AND CUTTING." BOTH ARE AVAILABLE FROM THE AMERICAN
 WELDING SOCIETY, PO BOX 351040, MIAMI, FL 33135.

===== Physical/Chemical Properties =====

HCC:N1

Spec Gravity:2.5

Appearance and Odor:GRAY/TAN PASTE.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE.

Stability Condition to Avoid:NONE, UNLESS OTHERWISE SPECIFIED.

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE,
OXIDES OF NITROGEN, OZONE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL ENVIRONMENTAL REGULATIONS.

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