

STREETBOND COLORANT

PRODUCT NAME: #STREETBOND COLORANT

HMIS CODES: H F R P

PRODUCT CODE: SBTI-XX-08

2 0 0 H

===== **SECTION 1 - MANUFACTURER IDENTIFICATION** =====

Quest Construction Products

1465 Pipefitter Street

N. Charleston, SC 29405

INITIAL (FIRST CALL) CHEMTREC (800) 424-9300

24 HOUR EMERGENCY (800) 541-4383

INFORMATION PHONE: 480-754-8900 FAX: 480-754- 8939

DATE REVISED: September 2011

===== **SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

REPORTABLE COMPONENTS	CAS NUMBER	MM HG	@ TEMP	WEIGHT PERCENT---
# RED OXIDE	1332-37-2	NA	NA	0-45
# YELLOW OXIDE	51274-00-1	NA	NA	0-45
*TITANIUM DIOXIDE	13463-67-7	NA	NA	0-40
# AMORPHOUS SILICA	112926-00-8,	NA	NA	3
* ETHYLENE GLYCOL	107-21-1	0.06	68C	7
# DIETHYLENE GLYCOL	111-46-6	0.01	68	3
NO OCCUPATIONAL EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THIS CHEMICAL.				
# CARBON BLACK	1333-86-4	NA	NA	0-5
PROPYLENE GLYCOL	57-55-6	0.22	68C	3
NO OCCUPATIONAL EXPOSURE LIMITS ESTABLISHED FOR THIS CHEMICAL.				

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

#Indicates carcinogenic chemical.

WHEN COMBINED WITH THE BASE, THE HAZARDOUS PROPERTIES OF BOTH COMPONENTS MAY BE EXHIBITED. THIS MSDS MAY BE USED FOR OTHER SIZES OF THIS PRODUCT.

===== **SECTION 3 HAZARDS IDENTIFICATAION** =====

POTENTIAL HEALTH EFFECTS

EYES:

CONTACT WITH VAPOR AND/OR SPRAY MIST MAY RESULT IN IRRITATION, CONTACT WITH LIQUID MAY RESULT IN SEVERE IRRITATION

SKIN:

CONTACT CAUSES MODERATE SKIN IRRITATION. CAUSES DRYING OF THE SKIN

INGESTION:

MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT.

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INHALATION:

VAPOR OR SPRAY MIST CAN CAUSE HEADACHE, NAUSEA, VOMITING AND IRRITATION OF THE NOSE, THROAT AND LUNGS.

=====SECTION 4 FIRST AID MEASURES=====

EYES:

IMMEDIATELY FLUSH EYES WITH CLEAN, LUKEWARM WATER FOR 15 MINUTES WHILE LIFTING EYELIDS. REFER TO PHYSICIAN OR OPHTHALMOLOGIST FOR IMMEDIATE FOLLOW-UP.

SKIN:

REMOVE PRODUCT AND IMMEDIATELY FLUSH AFFECTED AREA WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS GET MEDICAL ATTENTION

INGESTION:

GET IMMEDIATE MEDICAL ATTENTION. IF SWALLOWED, CONTACT MEDICAL PERSONNEL TO DETERMINE BEST COURSE OF ACTION

INHALATION:

REMOVE FROM SOURCE OF EXPOSURE AND INTO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL ATTENTION.

NOTE TO PHYSICIAN:

PREEXISTING DISORDERS OF THE FOLLOWING ORGANS (OR ORGAN SYSTEMS) MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL: KIDNEY,LIVER.

=====SECTION 5 FIRE FIGHTING MEASURES=====

FLAMMABLE PROPERTIES:

FLASH POINT: OVER RIDE

LOWER FLAMMABLE LIMITS: N/A

UPPER FLAMMABLE LIMIT: N/A

AUTO IGNITION TEMPERATURE: NOT AVAILABLE

EXTINGUISHING MEDIA:

CARBON DIOXIDE, DRY CHEMICAL, FOAM OR WATER FOG.

SPECIAL FIRE FIGHTING PROCEDURES:

AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS (PRESSURE DEMAND, NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

CONTAIN RUN-OFF. REMAIN UPWIND. USE WATER SPRAY TO COOL CONTAINERS EXPOSED TO FIRE.

=====SECTION 6 ACCIDENTAL RELEASE MEASURES=====

SMALL SPILL:

WEAR SKIN, EYE & RESPIRATORY PROTECTION DURING CLEAN-UP. EVACUATE AREA OF ALL NON-ESSENTIAL PERSONNEL. VENTILATE SPILL AREA. DIKE, AND CONTAIN AND/OR ABSORB WITH INERT MATERIAL (SAND, EARTH OR OTHER SUITABLE NON-COMBUSTIBLE MATERIAL) TO PREVENT ENTRY INTO STORM DRAINS, SEWERS AND OTHER UNAUTHORIZED TREATMENT/DRAINAGE SYSTEMS AND NATURAL WATERWAYS. SCOOP UP AND PLACE IN APPROVED DOT CONTAINERS FOR PROPER DISPOSAL. COVER WITH LID.

LARGE SPILL:

USE SAME PROCEDURE AS SMALL SPILL.

=====SECTION 7 HANDLING AND STORAGE=====

HANDLING & STORAGE:

KEEP CONTAINER COOL AND DRY. CLOSED CONTAINERS MAY EXPLODE IN EXTREME HEAT. STORE AWAY FROM HIGH TEMPERATURES. USE AND STORE THIS PRODUCT WITH ADEQUATE VENTILATION. KEEP PRODUCT CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.

OTHER PRECAUTIONS:

AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. USE WITH ADEQUATE VENTILATION. AVOID BREATHING VAPOR OR MIST. FOLLOW ALL MSDS/LABEL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED BECAUSE IT MAY RETAIN PRODUCT RESIDUES. WASH THOROUGHLY AFTER HANDLING.

=====SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION=====

ENGINEERING CONTROLS/PERSONAL PROTECTION:

TO AVOID ADVERSE HEALTH AFFECTS SUCH AS LIGHT HEADEDNESS OR NAUSEA TAKE THE FOLLOWING PRECAUTIONS:DURING MIXING AND APPLICATION OPERATIONS APPLY WITH WIND OR FAN CARRYING VAPORS AWAY FROM YOU.IF THIS IS NOT POSSIBLE, USE RESPIRATORY PROTECTION.

RESPIRATORY PROTECTION:

AIRBORNE CONCENTRATIONS SHOULD BE KEPT TO LOWEST LEVELS POSSIBLE. IF VAPOR, MIST OR DUST IS GENERATED AND THE OCCUPATIONAL EXPOSURE LIMIT OF THE PRODUCT, OR ANY COMPONENT OF THE PRODUCT IS EXCEEDED, USE APPROPRIATE NIOSH OR MSHA APPROVED AIR PURIFYING OR AIR SUPPLIED RESPIRATOR (REFER TO OSHA STANDARD 29 CFR 1910.94 FOR GUIDELINES)AFTER DETERMINING THE AIRBORNE CONCENTRATION OF THE CONTAMINANT. AIR SUPPLIED RESPIRATORS SHOULD ALWAYS BE WORN WHEN AIRBORNE CONCENTRATION OF THE CONTAMINANT IS UNKNOWN.

SKIN PROTECTION:

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WEAR RESISTANT GLOVES SUCH AS: NATURAL RUBBER, NITRILE RUBBER, POLYVINYL CHLORIDE, POLYVINYL ALCOHOL, POLYETHYLENE, NEOPRENE--UNSUPPORTED, NEOPRENE-SUPPORTED. TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING ON ANY BODY PART SUBJECT TO EXPOSURE.

EYE PROTECTION:

USE CHEMICAL SPLASH GOGGLES AND FACE SHIELD (ANSI Z87.1 OR APPROVED EQUIVALENT). EYE PROTECTION WORN MUST BE COMPATIBLE WITH RESPIRATORY PROTECTION SYSTEM EMPLOYED. DO NOT WEAR CONTACT LENSES.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: 212F/100C	SPECIFIC GRAVITY (H2O=1): 2.0024
VAPOR DENSITY: 3.7 (AIR=1.0)	EVAPORATION RATE: Evaporation Rate (acetate = 1): 0.4
COATING V.O.C.: 2.31 lb/g1	COATING V.O.C.: 277 g/1
MATERIAL V.O.C.: 1.33 lb/g1	MATERIAL V.O.C.: 159 g/1
SOLUBILITY IN WATER: SOLUBLE	APPEARANCE: MODERATELY VISCOUS PIGMENT COLORS.

ODOR: PETROLEUM DISTILLATE ODOR

SECTION 10 STABILITY & REACTIVITY DATA

STABILITY:

STABLE

CONDITIONS TO AVOID

EXTREMELY HOT OR COLD TEMPERATURES

INCOMPATIBILITY (MATERIALS TO AVOID)

NO HAZARDOUS REACTIONS TO OTHER MATERIALS ARE EXPECTED TO OCCUR UNDER NORMAL INDUSTRIAL CONDITIONS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

MAY LIBERATE CARBON MONOXIDE, CARBON DIOXIDE, SILICON DIOXIDE, METAL OXIDE FUMES & UNKNOWN ORGANICS IN SMOKE

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

SECTION 11 TOXICOLOGICAL INFORMATION

EYE:

NO ANIMAL DATA AVAILABLE

SKIN:

NO ANIMAL DATA AVAILABLE

INGESTION:

NO ANIMAL DATA AVAILABLE

INHALATION:

NO ANIMAL DATA AVAILABLE

SUBCHRONIC:

HEADACHE, NAUSEA, ABDOMINAL PAIN AND IRRITATION OF THE NOSE, THROAT AND LUNGS. SKIN AND EYE IRRITATION.

CHRONIC/CARCINOGENICITY:

SOME STUDIES HAVE LINKED EXPOSURE OF CARBON BLACK DUST TO LUNG EFFECTS. IARC CLASSIFIES CARBON BLACK AS A CATEGORY 2B CARCINOGEN (KNOWN ANIMAL CARCINOGEN, POSSIBLE HUMAN CARCINOGEN) BASED ON INHALATION STUDIES. HOWEVER, THE MANUFACTURERS OF CARBON BLACK STATE THAT EPIDEMIOLOGIC STUDIES OF WORKERS IN THE CARBON BLACK INDUSTRY IN THE U.S. AND W. EUROPE SHOW NO SIGNIFICANT ADVERSE HEALTH EFFECTS DUE TO OCCUPATIONAL EXPOSURE. BECAUSE THIS PRODUCT IS A FREE-FLOWING LIQUID, DUST INHALATION IS NOT AN EXPECTED ROUTE OF EXPOSURE. Titanium Dioxide has been classified as a Group 2B Carcinogen by the IARC.

TERATOLOGY:

NO ANIMAL DATA AVAILABLE

REPRODUCTION:

NO ANIMAL DATA AVAILABLE

MUTAGENICITY:

NO ANIMAL DATA AVAILABLE

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

NO DATA/CHEMICAL FATE INFORMATION:
NO DATA.

SECTION 13 DISPOSAL CONSIDERATIONS:

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INSTRUCTIONS:

DISPOSE OF CONTAMINATED PRODUCT AND MATERIALS USED IN CLEANING UP SPILLS OR LEAKS IN A MANNER APPROVED FOR THIS MATERIAL. CONSULT APPROPRIATE FEDERAL, STATE AND LOCAL REGULATORY AGENCIES TO ASCERTAIN PROPER DISPOSAL PROCEDURES. EMPTY CONTAINERS WILL RETAIN PRODUCT RESIDUE AND VAPORS AND ARE SUBJECT TO PROPER WASTE DISPOSAL, AS ABOVE.

=====SECTION 14 TRANSPORT INFORMATION=====

SHIPPING INFORMATION:

DOT INFORMATION: 49 CFR 172.101
 DOT DESCRIPTION: NON HAZARDOUS FOR ALL TRANSPORT.

=====SECTION 15 REGULATORY INFORMATION=====

(NOT MEANT TO BE ALL INCLUSIVE-SELECTED REGULATIONS REPRESENTED)

US REGULATIONS:

STATUS OF SUBSTANCES LISTS:
 THE CONCENTRATIONS SHOWN IN SECTION II ARE MAXIMUM CEILING LEVELS (WEIGHT %) TO BE USED FOR CALCULATIONS FOR REGULATIONS.
 A REPORTABLE QUANTITY IS A QUANTITY OF A HAZARDOUS SUBSTANCE THAT TRIGGERS REPORTING REQUIREMENTS UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT(CERCLA).IF A SPILL OF A SUBSTANCE EXCEEDS IT'S REPORTABLE QUANTITY(RQ) IN CFR 302.3 TABLE 40 302.4 APPENDIX A & 302.4 APPENDIX B, THE RELEASE MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER AT (800) 424-8802, THE STATE EMERGENCY RESPONSE COMMISSION (SERC), AND COMMUNITY EMERGENCY COORDINATORS LIKELY TO BE AFFECTED.

COMPONENTS PRESENT THAT COULD REQUIRE REPORTING UNDER THE STATUTE ARE:

ETHYLENE GLYCOL CAS#107-21-1 RQ 5000 #
 SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986(SARA) TITLE III
 REQUIRES EMERGENCY PLANNING BASED ON THE THRESHOLD QUANTITIES (TPQ'S)
 AND RELEASE REPORTING BASED ON REPORTABLE QUANTITIES (RQ'S) IN 40 CFR 355
 APPENDIX A&B EXTREMELY HAZARDOUS SUBSTANCES. THE EMERGENCY PLANNING AND RELEASE
 REQUIREMENTS OF 40 CFR 355 APPLY TO ANY FACILITY AT WHICH THERE IS PRESENT AN
 AMOUNT OF ANY EXTREMELY HAZARDOUS SUBSTANCE EQUAL TO OR IN EXCESS OF IT'S THRESHOLD PLANNING QUANTITY.

COMPONENTS PRESENT THAT COULD REQUIRE REPORTING UNDER THE STATUTE ARE:

NONE KNOWN
 EPCRA 40 CFR 372 (SECTION 313 REQUIRES EPA AND THE STATES TO ANNUALLY COLLECT
 DATA ON RELEASES OF CERTAIN TOXIC MATERIALS FROM INDUSTRIAL FACILITIES, AND MAKE
 THE DATA AVAILABLE TO THE PUBLIC IN THE TOXICS RELEASE INVENTORY (TRI), THIS
 INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED OR
 OR COMPILED FOR THIS MATERIAL.

COMPONENTS PRESENT THAT COULD REQUIRE REPORTING UNDER THE STATUTE ARE:

SEE SECTION II

THE COMPONENTS OF THIS PRODUCT ARE LISTED OR EXCLUDED FROM LISTING ON THE
 US TOXIC SUBSTANCE CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY. THIS MIXTURE
 HAS NOT BEEN TESTED AS A WHOLE TO DETERMINE WHETHER THE MIXTURE IS A HEALTH
 HAZARD. THE MIXTURE SHALL BE ASSUMED TO PRESENT THE SAME HEALTH HAZARDS AS DO THE
 COMPONENTS WHICH COMPRISE ONE PERCENT (BY WEIGHT OR VOLUME) OR GREATER OF THE
 MIXTURE, EXCEPT THAT THE MIXTURE SHALL BE ASSUMED TO PRESENT A CARCINOGENIC
 HAZARD IF IT HAS A COMPONENT IN CONCENTRATIONS OF 0.1 PERCENT OR GREATER WHICH
 IS CONSIDERED TO BE A CARCINOGEN. FOR A LIST OF HAZARDOUS INGREDIENTS:

SEE SECTION II

THE REMAINING PERCENTAGE OF UNSPECIFIED INGREDIENTS, IF ANY, ARE NOT CONTAINED
 IN ABOVE DE MINIMIS CONCENTRATIONS AND/OR ARE BELIEVED TO BE NON-HAZARDOUS
 UNDER THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200), AND MAY
 CONSIST OF PIGMENTS, FILLERS, DEFOAMERS, WETTING AGENTS, RESINS, DRYERS,
 ANTI-BACTERIAL AGENTS, WATER AND/OR SOLVENTS IN VARYING CONCENTRATIONS.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS:

DOES NOT CLASSIFY AS HAZARDOUS.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):

ALL OF THE COMPONENTS OF THIS PRODUCT ARE EXEMPT OR LISTED ON THE DSL. SEE SECTION II FOR
 COMPOSITION/INFORMATION ON INGREDIENTS

EINECS:

TITANIUM DIOXIDE	CAS#13463-67-7	EINECS#:236-675-5
ETHYLENE GLYCOL	CAS#107-21-1	EINECS#:203-473-3
TALC	CAS#14807-96-6	EINECS#:238-877-9
DIETHYLENE GLYCOL	CAS#111-46-6	EINECS#:203-872-2
YELLOW IRON OXIDE	CAS#51274-00-1	EINECS#:20344-49-4
RED IRON OXIDE	CAS#1332-37-2	EINECS#:215-168-2
PROPYLENE GLYCOL	CAS#57-55-6	EINECS#:200-338-0
CARBON BLACK	CAS# 1333-86-4	EINECS#:215-609-9
SILICA, PRECIPITATED	CAS#112926-00-8	EINECS#:231-545-4
CARBON	CAS#7440-44-0	EINECS#:231-153-3

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STATE REGULATIONS:

CALIFORNIA:

CALIFORNIA PROPOSITION 65: THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986. THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCE(S) KNOWN TO THE STATE OF CALIFORNIA

A: CAUSE CANCER:

CARBON BLACK, CAS#1333-86-4

Titanium Dioxide (Airborn unbound particles of respirable size, CAS#13463-67-7

B: CAUSE REPRODUCTIVE HARM:

NONE KNOWN

FLORIDA:

ETHYLENE GLYCOL	CAS#107-21-1	LISTED AS TOXIC
TALC	CAS#14807-96-6	LISTED AS TOXIC

MICHIGAN:

NONE KNOWN

MINNESOTA:

PROPYLENE GLYCOL CAS#57-55-6
LISTED IN THE MINNESOTA HAZARDOUS SUBSTANCES LIST:
CODES: I
HAZARDS: --
CARNINOGEN? NO

TITANIUM DIOXIDE CAS#13463-67-7
LISTED IN THE MINNESOTA HAZARDOUS SUBSTANCES LIST:
CODES: A
HAZARDS: --
CARNINOGEN? NO

ETHYLENE GLYCOL CAS#107-21-1
LISTED IN THE MINNESOTA HAZARDOUS SUBSTANCES LIST:
CODES: A
HAZARDS: --
CARNINOGEN? NO

TALC CAS#14807-96-6
LISTED IN THE MINNESOTA HAZARDOUS SUBSTANCES LIST:
CODES: AO
HAZARDS: --
CARNINOGEN? NO

DIETHYLENE GLYCOL CAS#111-46-6
LISTED IN THE MINNESOTA HAZARDOUS SUBSTANCES LIST:
CODES: I
HAZARDS: --
CARNINOGEN? NO

CARBON BLACK CAS# 1333-86-4
LISTED IN THE MINNESOTA HAZARDOUS SUBSTANCES LIST:
CODES: ANOR
HAZARDS: --
CARNINOGEN? YES

MASSACHUSETTS

CARBON BLACK	CAS# 1333-86-4	SUBSTANCE CODES:2,4,F5
SILICA, PRECIPITATED	CAS#112926-00-8	SUBSTANCE CODES: 4
TALC	CAS#14807-96-6	SUBSTANCE CODES:2,4,F5
ETHYLENE GLYCOL	CAS#107-21-1	SUBSTANCE CODES: 4,F9
TITANIUM DIOXIDE	CAS#13463-67-7	SUBSTANCE CODES:4

PENNSYLVANIA:

TITANIUM DIOXIDE	CAS#13463-67-7	CODE:--
PROPYLENE GLYCOL	CAS#57-55-6	CODE:--
ETHYLENE GLYCOL	CAS#107-21-1	CODE:E
TALC	CAS#14807-96-6	CODE:--
DIETHYLENE GLYCOL	CAS#111-46-6	CODE:--
CARBON BLACK	CAS# 1333-86-4	CODE:E

NEW JERSEY:

ETHYLENE GLYCOL CAS#107-21-1
NEW JERSEY RTK HAZARDOUS SUBSTANCE

NEW YORK:

ETHYLENE GLYCOL CAS#107-21-1 RQ--AIR 100, RQ--LAND 1

WASHINGTON:

TITANIUM DIOXIDE (TOTAL DUST)	CAS#13463-67-7	
WASHINGTON AIR CONTAMINANT:	ppm	mg/Cubic Meter
TWA	UNK	10

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STEL	UNK	UNK
CEILING	UNK	UNK
SKIN:UNK		

ETHYLENE GLYCOL	CAS#107-21-1	
WASHINGTON AIR	ppm	mg/Cubic Meter
CONTAMINANT: TWA	UNK	UNK
STEL	UNK	UNK
CEILING	50	125
SKIN:UNK		

TALC	CAS#14807-96-6	
WASHINGTON AIR CONTAMINANT:	ppm	mg/Cubic Meter
TWA	UNK	2
STEL	UNK	UNK
CEILING	UNK	UNK
SKIN:UNK		

CARBON BLACK	CAS# 1333-86-4	
WASHINGTON AIR CONTAMINANT:	ppm	mg/Cubic Meter
TWA	UNK	3.5
STEL	UNK	UNK
CEILING	UNK	UNK
SKIN:UNK		

SILICA, PRECIPITATED	CAS#112926-00-8	
WASHINGTON AIR CONTAMINANT:	ppm	mg/Cubic Meter
TWA	UNK	6
STEL	UNK	UNK
CEILING	UNK	UNK
SKIN:UNK		

=====SECTION 16 OTHER INFORMATION=====

CODES DEFINED:

CERCLA:Note: The RQ is in pounds for chemicals that are CERCLA hazardous substances.
A "##" entry in the RQ column indicates that a statutory one-pound RQ applies, but the Agency may adjust the statutory RQ in a future rulemaking.
A "***" entry in the RQ column no RQ is being assigned to the generic or broad class.

A "*" following the RQ indicates that no release reporting is required if the diameter of the pieces of the solid metal released is 100 micrometers (0.004 inches) or more.
If a final RQ has not been assigned under CERCLA to any extremely hazardous chemical listed under Section 301 of SARA Title III, a statutory RQ of one pound applies for Section 304 reporting. This product lists the one-pound statutory RQ for extremely hazardous substances not listed under CERCLA.

A "+" following an entry means the chemical is listed as a hazardous air pollutant under Section 112(b) of the Clean Air Act. A statutory RQ of 1 lb. applies until RQs are adjusted.

STATES:

- MA: Codes
- 1 IARC(Int.Agency for Research on Cancer)
 - 2 OSHA 29 CFR 1910.1000, sub part Z
 - 3 NTP National Toxicology Program
 - 4 ACGIH American Conference of Gov.Ind. Hygienists (TLV)
 - 5 NFPA49 HAZ CHEM
 - 6 NFPA325M FIRE HAZARDS
 - 7 CAG Carcinogen Assessment Group
 - 8 EPA Environmental Protection Agency pesticides (40 CFR 162.30)
 - 9 NCI National Cancer Institutes substances

Hazard Designations

- *C* - Carcinogen Poses a risk of cancer in humans.
- *N* - Neurotoxin Poses a risk of neurotoxic effects in humans.
- *M* - Mutagen Poses a risk of mutagenesis in humans.
- *E* - Extraordinarily Hazardous Substances that have a low lethal dose (LD(50)) or are designated carcinogens.
- *T1* - Teratogen Sufficient evidence of teratogenic risk in humans.
- *T2* - Teratogen Limited evidence of teratogenic risk in humans.

Footnote Designations

- F1 - Elemental Metals and Alloys
- F2 - Asbestos
- F3 - Asphalt
- F4 - Coal Tar Pitch Volatile
- F5 - Dust Producing Materials
- F6 - EPA Extremely Haz. Substances
- F7 - Volatile Organic Substances (VOC's)
- F8 - Cercla Hazardous Substances
- F9 - Toxic Chemical Release Substances

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MI: Codes

-- REQUIRES FURTHER REPORTING

MN: Codes

A American Conference of Governmental Industrial Hygienists (ACGIH)

I American Industrial Hygiene Association (AIHA)

N National Institute for Occupational Safety and Health (NIOSH)

O Occupational Safety and Health Administration (OSHA)

R International Agency for Research on Cancer (IARC)

S OSHA proposed standards.

T National Toxicology Program (NTP)

Hazard Designations

T: Listed as carcinogen or potential by IARC or NTP

F: Not listed as carcinogen or potential carcinogen

asphyxiant: Asphyxiant

dust: Airborne particulate exposure hazard

fume: Small solid particles formed by the condensation of vapors of solid materials

skin: Potential hazard from absorption through skin contact

PA:CODES IDENTIFY CHEMICALS AS:

--(Basic Hazard)

E (ENVIRONMENTAL HAZARD)

* ANY COMPOUND OF THIS CHEMICAL IS ALSO AN ENVIRONMENTAL HAZARD

S (SPECIAL HAZARD)

THE INFORMATION CONTAINED HEREIN IS FURNISHED WITHOUT WARRANTY OF ANY KIND. USERS SHOULD CONSIDER THESE DATA ONLY AS A SUPPLEMENT TO OTHER INFORMATION GATHERED BY THEM & DETERMINE THE SUITABILITY & COMPLETENESS OF INFORMATION FROM ALL SOURCES TO ASSURE PROPER USE & DISPOSAL OF THESE MATERIALS & THE SAFETY & HEALTH OF EMPLOYEES & CUSTOMERS