

M A T E R I A L S A F E T Y D A T A S H E E T

24-hour Emergency Phone: (800)255-3924

PRODUCT CODE: 6365

PRODUCT NAME: STEEL MAX (A/13)

HMIS CODES: H C F R P

PRODUCT CODE: 6365

1 4 3 G

WHMIS CLASS: A & B, 5 & D, 2, B

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: ATCO International
 ADDRESS : 2136 Kingston Court
 Marietta, GA 30067-8902
 INFORMATION PHONE : (770)424-7550

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PREPARED BY: MAURICIO A. AMAYA, DIRECTOR OF TECHNICAL SERVICES

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===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	PEL	TLV	WEIGHT PERCENT
*Toluene	108-88-3	100ppm	50ppm	20-30%
ACETONE	67-64-1	750ppm	500ppm	20-30%
PROPANE	74-98-6	1000ppm	1000ppm	10-20%
*XYLENE	1330-20-7	100ppm	100ppm	5-10%
BUTANE	106-97-8	800ppm	800ppm	5-10%
*ETHYL BENZENE	100-41-4	100ppm	100ppm	1-5%
LIGHT HYDROTREATED PETROLEUM DISTILLATE	64742-47-8	500ppm	100ppm	1-5%

* Indicates toxic chemical subject to the reporting requirements of SARA Title III, Sec. 313

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: -44 to 389 F SPECIFIC GRAVITY (H2O=1): 0.80
 VAPOR DENSITY: ND EVAPORATION RATE: ND
 DENSITY: 6.644 lb/gl MATERIAL V.O.C.: 62%
 SOLUBILITY IN WATER: NEGLIGIBLE. pH (Concentrate): NA
 APPEARANCE AND ODOR: STEEL GREY LIQUID. pH (Diluted): NA
 ODOR: CHARACTERISTIC.

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

OSHA FLAMMABILITY CLASSIFICATION: EXTREMELY FLAMMABLE AEROSOL
 FLASH POINT: -4 F (Fill Mat'l Only) METHOD USED: TCC
 FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.7% UPPER: 12.8%

EXTINGUISHING MEDIA: In case of fire, use water fog, dry chemical carbon dioxide, or "alcohol" foam. Water stream may be ineffective and may result in spreading the fire. Water spray (fog) is particularly effective.

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SPECIAL FIREFIGHTING PROCEDURES: Remove all ignition sources. Keep personnel not involved with emergency activities away and upwind of fire. Water spray may be ineffective and may cause fire to spread. If water is used, fog nozzles are preferable. Water may be used to cool closed con

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air will settle and travel along the ground. Contact with an ignition source will cause ignition.

===== SECTION V - REACTIVITY DATA =====

STABILITY: Product is stable under normal conditions.

CONDITIONS TO AVOID: Open flame, sparks, or high temperature.

INCOMPATIBILITY (MATERIALS TO AVOID): None Known.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition and burning may produce carbon dioxide and carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

===== SECTION VI - HEALTH HAZARD DATA =====

PRIMARY ROUTES OF ENTRY: Inhalation X Eye Contact X
Skin Contact X Ingestion

EXPOSURE LIMIT: Refer to Section II for PEL / TLV exposure limits.

ACUTE EFFECTS OF OVEREXPOSURE

INHALATION: Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over- exposure to vapor or skin exposure. Prolonged inhalation may be harmful.

EYE CONTACT: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

SKIN CONTACT: Causes skin irritation.

SKIN ABSORPTION: Prolonged or repeated contact with the skin may cause defatting and irritation.

INGESTION: Harmful if swallowed. Can cause mouth, throat, and gastrointestinal tract irritation, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

CHRONIC EFFECTS OF OVEREXPOSURE: Possible reproductive hazard.

CARCINOGENICITY: NTP CARCINOGEN: IARC MONOGRAPHS: OSHA REGULATED:

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE: Dermatitis, nervous system disorders, stomach, and respiratory irritation.

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EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid immediately.

EYE CONTACT: Immediately flush eyes with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.

SKIN CONTACT: In case of contact, immediately flush skin with soap and water. Remove contaminated clothing and wash thoroughly before reuse. If irritation occurs, consult a physician.

INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. (If available, give several glasses of milk.) GET MEDICAL ATTENTION IMMEDIATELY.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all ignition sources. Avoid breathing vapors. Shut off source of spill if it can be done safely. Use non-sparking tools. Absorb with inert, absorbant material and dispose of in accordance with applicable regulations.

WASTE DISPOSAL METHOD: Dispose of in accordance with applicable Federal, State, and local regulations. Under RCRA regulations, it is the responsibility of the product user to determine, at the time of disposal, whether a material is hazardous.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep away from heat, sparks and open flames. Contents under pressure. Do not store above 120 F.

OTHER PRECAUTIONS: Follow label instructions. KEEP OUT OF REACH OF CHILDREN.

===== SECTION VIII - PERSONEL SAFETY MEASURES =====

RESPIRATORY PROTECTION: Wear an appropriate, properly-fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates that vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use.

VENTILATION: Use with adequate ventilation. Provide general dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below the applicable exposure limit (OSHA PEL) of the combined components listed in Section II and below

PROTECTIVE GLOVES: Impervious gloves recommended.

EYE PROTECTION: Both chemical goggles and full face shield are recommended. Contact lenses should not be worn.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Synthetic apron to protect against splash of liquids.

WORK/HYGIENIC PRACTICES: Wash thoroughly after handling.

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===== SECTION IX - REGULATORY INFORMATION =====

TOXIC SUBSTANCES CONTROL ACT (TSCA): All chemical components in this product are listed on the TSCA Inventory List, or are exempt from listing.

SARA Section 312 HAZARD CATEGORIES: Fire Hazard X Reactivity Hazard X

Acute Health Hazard X Chronic Health Hazard X Pressure Hazard X

SARA Section 313 REPORTABLE COMPONENTS: (See Section II, If Applicable)

===== SECTION X - SHIPPING INFORMATION =====

DOT SHIPPING NAME: ORM-D Consumer Commodity

DOT HAZARD CLASS: Not Applicable

UN NUMBER: Not Applicable

DOT PACKING GROUP: Not Applicable

SPECIAL SHIPPING INFORMATION: Regulated only when offered for transportation by aircraft.

===== DISCLAIMER =====

The information on this Material Safety Data Sheet represents our current available data and best opinion as to the proper handling in use of this product under normal conditions. Any use of this product which is not in conformance with this Data Sheet or which involves using this product in combination with other materials, or processes is the sole responsibility of the user.