

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: 5263

PRODUCT NAME: PEEL-N-SEAL
 PRODUCT CODE: 5263

H M I S C O D E S : H C F R P
 2 1 1 D

W H M I S C L A S S : D, 2, B & E

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

MANUFACTURER'S NAME: ATCO International
 ADDRESS : 2136 Kingston Court
 Marietta, GA 30067-8902
 INFORMATION PHONE : (770)424-7550 DATE PRINTED: 2/28/2007
 PREPARED BY: MAURICIO A. AMAYA, DIRECTOR OF TECHNICAL SERVICES
 REVISION DATE: 4/11/2005

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

REPORTABLE COMPONENTS	CAS NUMBER	PEL	TLV	WEIGHT PERCENT
Styrene Monomer	100-42-5	100ppm	20ppm	10-20%

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

BOILING RANGE: ND SPECIFIC GRAVITY (H2O=1): 1.977
 VAPOR DENSITY: ND EVAPORATION RATE: ND
 DENSITY: 16.49 lb/gl MATERIAL V.O.C.: 100-200 g/L
 SOLUBILITY IN WATER: INSOLUBLE. pH (Concentrate): NA
 APPEARANCE: SOLID PATCH. pH (Diluted): NA
 ODOR: STYRENE MONOMER.

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

OSHA FLAMMABILITY CLASSIFICATION: COMBUSTIBLE LIQUID IIIA (Styrene Monomer ONLY)
 FLASH POINT: 150 F (Styrene Monomer only) METHOD USED: PMCC
 FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9 UPPER: 6.8

EXTINGUISHING MEDIA: Dry chemical, alcohol foam, or carbon dioxide. Material floats on water and may travel back to an ignition source and spread fire. Water spray may be used to keep fire exposed containers cool. Do not allow water runoff to enter sewers or waterways.

SPECIAL FIREFIGHTING PROCEDURES: When fighting a fire involving this chemical, wear full protective clothing and a NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode. Cool containers with flooding quantities of water until well after fire is out.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sealed containers may rupture when heated. Above the flash point, explosive vapor-air mixtures may formed. Vapors can flow along surfaces to distant ignition sources and flash back. Sensitive to static discharge. Incineration may create carbon monoxide with incomplete combustion.

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

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STABILITY: The material will harden irreversibly on exposure to Ultra Violet irradiation and this reaction is exothermic. At 68 deg. F the stability is 3 months or more but gradual hardening may take place after this time.

CONDITIONS TO AVOID: Heat, flames, ignition sources and incompatibles.

INCOMPATIBILITY (MATERIALS TO AVOID): Incompatible with peroxides, aluminum chloride, strong acids, metallic salts, halogens, polymerization catalysts and accelerators.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon dioxide and carbon monoxide may form when heated to decomposition.

HAZARDOUS POLYMERIZATION: Polymerization may occur under fire conditions or if contaminated.

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

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

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

ACUTE EFFECTS OF OVEREXPOSURE

INHALATION: Inhalation can cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath. Vapor is a central nervous system depressant. Higher exposures can cause a build-up of fluid in the lungs (pulmonary edema).

EYE CONTACT: May cause irritation, redness, pain, and corneal damage.

SKIN CONTACT: Causes irritation to skin. Symptoms include redness, itching, and pain. May produce blisters.

SKIN ABSORPTION: It may be absorbed through skin.

INGESTION: It may cause irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea. It may cause central nervous system depression. Symptoms may include lethargy, drowsiness, staggering and sleepiness. May cause possible convulsions and risk of pulmonary edema.

CHRONIC EFFECTS OF OVEREXPOSURE: Repeated exposure can cause nausea, vomiting, appetite loss, a sensation of drunkenness, general weakness, and functional disorders of the nervous system and liver. May cause dermatitis.

TARGET ORGAN(S): Skin, liver, nervous system.

CARCINOGENICITY: NTP CARCINOGEN: IARC MONOGRAPHS: OSHA REGULATED:

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE: Persons with pre-existing skin disorders, eye problems, liver disease, central nervous system disorders, or impaired respiratory function may be more susceptible to the effects of this substance.

EMERGENCY AND FIRST AID PROCEDURES

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INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention. If the victim has difficulty breathing or tightness in the chest, is dizzy, vomiting or unresponsive, give 100% oxygen with rescue breathing or CPR as required and transport to the nearest medical facility.

EYE CONTACT: IN CASE OF CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

SKIN CONTACT: Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing, if any. If irritation starts to develop, get medical attention. Wash clothing before reuse.

INGESTION: Do not induce vomiting. Give large amounts of water. Never give anything by mouth to an unconscious person. Get medical attention.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Stop source of spill. Ventilate area. Remove all sources of ignition. Sweep solid material into a suitable container and dispose of in a manner consistent 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: This compound should be stored in a well ventilated area, protected from all sunlight and ultra violet irradiation, and at a temperature not exceeding 68 deg. F. To prevent any Styrene loss, the compound should be kept in the original package until ready for use, and unused material should be re-wrapped in the original packaging. Keep away from sources of ignition.

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

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

RESPIRATORY PROTECTION: None required in excess of normal ventilation. If the exposure limit is exceeded, a half-face organic vapor respirator may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lower.

VENTILATION: Local mechanical exhaust to provide normal ventilation.

PROTECTIVE GLOVES: Wear impervious gloves to prevent prolonged skin contact.

EYE PROTECTION: The use of safety goggles is recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coat, apron, or coveralls, as appropriate, to prevent skin contact.

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

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

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

DOT SHIPPING NAME: Dry

DOT HAZARD CLASS: Not Applicable

UN NUMBER: Not Applicable

DOT PACKING GROUP: Not Applicable

SPECIAL SHIPPING INFORMATION: Not Applicable

===== 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.