



ARMOR POLY™ VCI-LDPE

MATERIAL SAFETY DATA SHEET

SECTION I - IDENTITY

MANUFACTURER: ARMOR Protective Packaging™
951 Jones St.
Howell, MI 48843

PRODUCT USE: Corrosive Resistant Plastic Packaging Material for Ferrous & Non-Ferrous Metals Linear Low Density Polyethylene with Volatile Corrosion Inhibitor Additive

SECTION II - HAZARDOUS INGREDIENTS

COMPONENTS	CAS No.	%
ARMOR VCI	Proprietary Formula - Ingredients are not considered hazardous according to WHMIS, OSHA, or SARA	2 - 5 %
Polyethylene	009002-88-4	94 - 97 %
Silicon Dioxide	068855-54-9	< 0.1%

SECTION III - PHYSICAL DATA

BOILING POINT:	N/A	SPECIFIC GRAVITY:	N/A
VAPOR PRESSURE:	N/A	pH of TREATMENT:	N/A
VAPOR DENSITY:	N/A	EVAPORATION RATE:	N/A
SOLUBILITY IN WATER:	Insoluble	ODOR:	None
PHYSICAL STATE :	Solid	ODOR THRESHOLD:	None

SECTION IV - REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Temperatures over 250° F

INCOMPATIBILITY: (materials to avoid) Contact with strong oxidizing agents and acids.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION OF PRODUCTS: Decomposition of products depends on temperature, other materials present and air supply. During thermal processing this material can degrade to produce trace hydrocarbons, aldehydes, organic acids, and alcohols in limited quantities. Complete combustion results in carbon dioxide and water.

SECTION V - FIRE AND EXPLOSION HAZARDS

FLASH POINT: N/A

EXTINGUISHING MEDIA: Water fog, Carbon Dioxide, Foam and Dry Powder

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS: Wear full protective equipment including self contained breathing apparatus.

SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: Skin or eye contact

INHALATION: Vapors unlikely due to physical properties. If material is shredded or ground dust may occur; breathing dust may irritate nose and throat.

EYE CONTACT: Low hazard. Dusts may irritate eyes or rubbing eyes while handling material.

SKIN CONTACT: No irritation is likely after contact but may if exposure is prolonged.

CHRONIC EFFECTS OF EXPOSURE: Contains trace amount of crystalline silica (<0.1%). Crystalline silica is considered a hazard by inhalation. IARC has classified crystalline silica as probably carcinogenic for humans. Crystalline silica is also known to cause silicosis, a noncancerous lung disease caused by excessive exposure to silica.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None reported

SPECIAL HAZARDS: This product contains the following components with the special hazards listed below.

CARCINOGENS:	N/A	TERATOGENS:	N/A
MUTAGENS:	N/A	REPRODUCTIVE TOXINS:	N/A

MATERIAL EXPOSURE LIMITS: Has not yet been established

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MATERIAL SAFETY DATA SHEET continued

SECTION VII - STORAGE AND SPECIAL PRECAUTIONS

WASTE DISPOSAL METHOD: Landfill, within Federal, Provincial & Local regulations.
HANDLING AND STORING: Material should be kept clear from flammable or high risk fire areas, and stored in a dry clean place.

SECTION VIII - EMERGENCY AND FIRST AID

INHALATION: No adverse effects anticipated by this route of exposure.
EYE CONTACT: If eye irritation occurs, flush with water. Get medical attention if irritation persists.
SKIN CONTACT: If irritation occurs, wash skin with water and mild detergent. Get medical attention if irritation persists. If burned by contact with molten material, cool as quickly as possible with water and see a physician for treatment of burn. Do not attempt to peel polymer from skin. Note to physician; burns should be treated as thermal burns. The plastic will come off as healing occurs; therefore, immediate removal from the skin is not necessary.
INGESTION: Get medical attention.

SECTION IX - PERSONAL PROTECTION INFORMATION

ENGINEERING CONTROLS: Adequate ventilation should be available to maintain dust levels if dusting problem occurs.
RESPIRATORY PROTECTION: None required under normal operating conditions
SKIN PROTECTION: No protection normally required. If irritation occurs, gloves should be worn.
EYE PROTECTION: Wear goggles if dusting problem occurs.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None known at this time.
WORK/HYGENIC PRACTICES: Avoid contact with foodstuffs. Wash hands after using.

SECTION X - ADDITIONAL INFORMATION

THE INFORMATION CONTAINED IN THIS FORM IS BASED ON DATA FROM SOURCES CONSIDERED TO BE RELIABLE, BUT ARMOR PROTECTIVE PACKAGING™ DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS THEREOF. THE INFORMATION IS PROVIDED AS A SERVICE TO PERSONS PURCHASING OR USING THE MATERIAL TO WHICH IT REFERS AND ARMOR PROTECTIVE PACKAGING™ EXPRESSLY DISCLAIMS ALL LIABILITY FOR LOSS OR DAMAGE INCLUDING CONSEQUENTIAL LOSS OR FOR INJURY TO PERSONS ARISING DIRECTLY OR INDIRECTLY FROM RELIANCE UPON THE INFORMATION OR USE OF THE MATERIAL.

PREPARED BY: Quality Control Department of ARMOR Protective Packaging™
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