



14305 Southcross Drive,
Suit 200
Burnsville, MN 55306
1-800-328-5934



A GIBRALTAR INDUSTRIES COMPANY 

CIA-EA MSDS

I. IDENTIFICATION

PRODUCT NAME: CIA-EA
SYNONYMS: PROPRIETARY

II. HAZARDOUS INGREDIENTS

MATERIAL	%	TLV	HAZARD DATA
STYRENE	0-12.5%		
CAS # 100-42-5			
DIBENZOYL PEROXIDE	1-2%		
CAS # 94-36-0			

III. PHYSICAL DATA

- APPEARANCE: PUTTY
- COLOR: VARIOUS
- ODOR: STYRENE LIKE
- VISCOSITY (23°C): >500 Pa.s
- DENSITY: 1.7
- Ph: N.A.
- WATER: INSOLUBLE
- FLASH POINT: 33°C (ISO-1523)(STYRENE, NOT CURED MATERIAL)
- DECOMPOSITION: CURED MATERIAL >200°C

IV. FIRE AND EXPLOSION HAZARD DATA

- EXTINGUISHING MEDIA: FOAM, WATER SPRAY, CARBON DIOXIDE
- NOT SUITABLE: DIRECT WATER JET
- EXPOSURE HAZARDS: AVOID BREATHING VAPORS AND FUMES. TOXIC FUMES FORMED DURING DECOMPOSITION (CARBON OXIDES) MAY CAUSE SEVERE HEALTH HAZARD. CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE.
- SPECIAL EQUIPMENT: SELF CONTAINED BREATHING APPARATUS MAY BE REQUIRED FOR SERIOUS FIRES.

V. HEALTH HAZARD DATA

CLASSIFICATION: IRRITANT, FLAMMABLE
SPECIFIC HAZARDS: IRRITATING TO EYES AND SKIN MAY CAUSE SENSITIZATION BY SKIN CONTACT

FIRST AID MEASURES

- INHALATION: MOVE FROM AREA TO FRESH AIR, SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT
- SKIN CONTACT: REMOVE CONTAMINATED CLOTHING IMMEDIATELY. WASH CONTAMINATED AREAS WITH PLENTY OF WATER AND SOAP AND RINSE WITH WATER. DO NOT USE ANY SOLVENT. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.
- EYE CONTACT: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS APART TO ENSURE RINSING OF THE ENTIRE SURFACE OF THE EYES AND LIDS WITH WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
- INGESTION: DO NOT INDUCE VOMITING. IF SWALLOWED DRINK PLENTY OF WATER. SEEK MEDICAL ATTENTION IMMEDIATELY.

EXPOSURE CONTROL / PERSONAL PROTECTION: PROVIDE GOOD VENTILATION OF THE WORK ROOM.

PERSONAL PROTECTION EQUIPMENT

- RESPIRATORY PROTECTION: WEAR SUITABLE RESPIRATORY APPARATUS.
- HAND PROTECTION: WEAR RUBBER OR PLASTIC COATED GLOVES. DUE TO ITS CONCEPT OF PACKAGING, THE MATERIALS UNMIXED SHOULD NOT BE IN CONTACT WITH SKIN.
- EYE PROTECTION: SAFETY GLASSES ADVISED, PARTICULARLY WHEN WORKING OVERHEAD.
- SKIN PROTECTION: WEAR SUITABLE PROTECTIVE CLOTHING. WASH HANDS AFTER EACH WORK PERIOD BEFORE EATING.

VI. STABILITY & REACTIVITY DATA

- CONDITIONS TO AVOID: EXTREMES OF TEMPERATURE, SUNLIGHT AND UV-RAYS
- MATERIALS TO AVOID: STRONG ACIDS, STRONG BASES AND STRONG OXIDIZING AGENTS.
- HAZARDOUS DECOMPOSITION PRODUCTS: BY THERMAL DECOMPOSITION (CO, CO₂, GASES, ETC...)

VII. SPILL OR LEAK PROCEDURES

USP Structural Connectors•1-800-328-5934•www.USPconnectors.com•14305 Southcross Drive, Suite 200•Burnsville, MN 55306

- PERSONAL PRECAUTION: SUITABLE PROTECTIVE CLOTHING (OVERALL), RUBBER OR PLASTIC COATED GLOVES, EYE/FACE PROTECTION ARE ADVISED. DO NOT BREATHE VAPORS. KEEP AWAY FROM SOURCES OF IGNITION. EVACUATE NON-ESSENTIAL STAFF AND THOSE NOT EQUIPPED WITH ABOVE MENTIONED PROTECTIONS.
- ENVIRONMENTAL PROTECTION: DO NOT EMPTY INTO DRAINS AND WATER COURSES. IF SUBSTANCE HAS ENTERED A WATER COURSE, LAKE OR SEWER OR CONTAMINATED SOIL OR VEGETATION, ADVISE THE RESPONSIBLE AUTHORITY ACCORDING TO LOCAL REGULATIONS.
- CLEANING UP PROCEDURES: SHOVEL INTO A SUITABLE CLOSED CONTAINER.

VIII. SPECIAL PROTECTION INFORMATION

IX. SPECIAL PRECAUTIONS

- HANDLING: PROVIDE GOOD VENTILATION OF THE WORKROOM. KEEP WORK CLOTHES SEPARATE. AVOID CONTACT WITH SKIN OR EYES. DO NOT BREATHE. KEEP AWAY FROM HEAT SOURCE OF IGNITION AS WELL AS FROM OPEN FIRE.
- STORAGE: STORE IN DRY AND COOL CONDITION AWAY FROM DIRECT SUNLIGHT OR STRONG OXIDIZERS. KEEP IN THE ORIGINAL PACKAGE AT TEMPERATURES BETWEEN 5° TO 25°C. (41°F - 77°F)
- PRODUCT DISPOSAL: DISCARD IN COMPLIANCE WITH LOCAL REGULATIONS.
- PACKAGING DISPOSAL: CONTAMINATED PACKAGING MATERIAL SHOULD BE DISPOSED AS IDENTICALLY TO THE PRODUCT ITSELF. NON CONTAMINATED PACKAGING MATERIAL SHOULD BE TREATED AS HOUSEHOLD WASTE OR AS RECYCLING MATERIAL. CURED MATERIAL MAY BE CONSIDERED INERT AND DISPOSED OF AS BUILDERS WASTE.

ECOTOXICITY: NOT APPLICABLE DUE TO LOW VOLUMES INVOLVED. THE PACKAGING IS WATERPROOF AND WILL AVOID LEAKAGES. IN CASE OF AN UNLIKELY ACCIDENT IN LARGE VOLUME, DO NOT ALLOW THE MATERIAL TO ENTER WATER COURSES. IF WATER IS CONTAMINATED INFORM THE RELEVANT AUTHORITIES IMMEDIATELY.

TRANSPORTATION:

UN 3269

ADR

FREE FROM REGULATION ACCORDING TO PARAGRAPH 2.2.3.1.5 OF ADR2003

IMDG

CLASS: 3.3

PACKING GROUP: III

MARINE POLLUTANT

IATA

CLASS: 3

PACKING GROUP III

X. DISCLAIMER

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