

Material Safety Data Sheet

MICROCAST SILICONE CASTING MEDIUM

SECTION 1- IDENTITY

NAME Arrowhead Forensics		ADDRESS 14400 College Blvd., Lenexa, KS 66215	
TELEPHONE (913)894-8388	FOR ADDITIONAL INFORMATION CONTACT:		DATE PREPARED: January 1, 2009
COMMON NAME (USED ON LABEL) Microcast Casting Medium			CHEMICAL FAMILY: Silicone Elastomer
CHEMICAL NAME: Does Not Apply	FORMULA: Does not apply	TRADE NAME & SYNONYMS: Microcast Silicone Casting Medium, Microcast,	

SECTION 2- HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS#	TLV	PEL

NONHAZARDOUS NOT REGULATED
CONTAINS NO HAZARDOUS MATERIALS AS DEFINED IN 29 CFR 111910.1200 OR CFR TITLE 49

PEL: Permissible Exposure Limit established by Occupational Safety and Health Administration
TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists

PHYSICAL DATA

BOILING POINT: Not Determined	SPECIFIC GRAVITY: 1.14	VAPOR PRESSURE: Not Determined	VAPOR DENSITY: Not Determined
PERCENT VOLATILE (VOL) Not Determined	SOLUBILITY (WATER) Not Determined	REACTIVITY IN WATER: May produce small amounts of n-propyl alcohol	
APPEARANCE AND ODOR: Off-White, Black, or brown viscous liquid			

SECTION 4- FIRE AND EXPLOSION DATA

FLASH POINT: >212.00F	AUTO IGNITION TEMPERATURE Not Determined	FLAMMABLE LIMITS IN AIR (% by VOLUME) LOWER: UNK UPPER: UNK	
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, water mist, Foam			
UNUSUAL FIRE AND EXPLOSION HAZARDS:			
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing			

CONTINUED ON REVERSE SIDE

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Arrowhead Forensics & Crime Scene Supply, INC. shall not be held liable for any damage or injury to any party, or second party, or bystander resulting from the use, handling, or from contact with the above product..

SECTION 5- HEALTH INFORMATION

PRIMARY ROUTES OF EXPOSURE

Inhalation, ingestion, or absorption through skin

SIGNS & SYMPTOMS OF EXPOSURE
1: ACUTE OVEREXPOSURE:

May cause eye, skin, or respiratory irritation, Ingestion of large amounts will cause gastric discomfort

2: CHRONIC OVEREXPOSURE:

Not known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

May cause eye, skin, or respiratory irritation

CHEMICAL /COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

None

OTHER EXPOSURE LIMITS:

Not established

EMERGENCY & FIRST AID PROCEDURES:

EYES: Flush with cool tap water for at least 15 minutes
SKIN: Wash thoroughly with warm water
RESPIRATORY: Remove to fresh air, if distress continues, administer oxygen and contact physician
INGESTION: Drink large amounts of water,

IN ALL CASES IF IRRITATION OR DISTRESS PERSISTS, CONTACT PHYSICIAN OR NEAREST POISON CONTROL CENTER

SECTION 6- REACTIVITY DATA

STABILITY:

Stable

CONDITIONS TO AVOID:

High Temperatures, Sources of ignition

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition during fire conditions may produce Carbon Oxides, traces of incompletely burned carbon compounds, Silicon Dioxide, Formaldehyde, Quartz, or metal oxides

HAZARDOUS POLYMERIZATION:

Will not occur

CONDITIONS TO AVOID (POLYMERIZATION)

Not applicable for polymerization

SECTION 7- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED:

Eliminate all sources of ignition. For small spills, absorb on paper towels or other absorbant materials. Burn the absorbed material in an incinerator or contain for salvage disposal. If dry- clean up spill in a manner which minimizes dust spread.

WASTE DISPOSAL METHOD:

Dispose of wastes in accordance with current Federal, State, and Local codes and guidelines.

SECTION 8- PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

Under normal conditions, no respiratory protection should be needed

VENTILATION:

Room ventilation is expected to be adequate except during spills or fires.

PROTECTIVE GLOVES:

Chemical resistant gloves are not required, however washing at mealtime and end of shift is recommended.

EYE PROTECTION:

Suggested when the potential of splashes or contact with the eyes or face is possible

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

An eye wash fountain and safety shower should be readily available where the potential for splashes or eye contact with the reagent exists

SECTION 9- SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store and handle according to package and MSDS directions. Store in cool, well-ventilated area.

OTHER PRECAUTIONS:

Do not ingest, get in eyes, on skin, or on clothing. Avoid breathing dust or vapor. Wash thoroughly after handling.

TRANSPORTATION

NONHAZARDOUS NOT REGULATED

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