

# MATERIAL SAFETY DATA SHEET

DATE OF LAST REVISION:  
10/21/2008

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## SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER: Iradium

PRODUCT CLASS: Acrylic Coating

## SECTION II - INFORMATION ON INGREDIENTS

INGREDIENT	CAS#	% BY WEIGHT
ACRYLIC POLYMER	NOT HAZARDOUS	35 MAX
TITANIUM DIOXIDE	13463-67-7	35 MAX
ZINC OXIDE	1314-13-2	6 MAX
CALCIUM CARBONATE	1317-65-3	40 MAX
HYDRATED ALUMINA	21645-51-2	30 MAX
WATER	7732-18-5	40 MAX

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE:	Milky white liquid	EVAPORATION RATE:	Less than 1
BOILING POINT:	212°F	WEIGHT PER GALLON:	11-12 lbs.
VAPOR DENSITY:	Less than 1	% VOLATILE BY VOLUME:	40-56%
VAPOR PRESSURE:	Greater than 1	V.O.C.	<23 g/L

## SECTION IV - REACTIVITY DATA

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS:	Acrylic monomers
CONDITIONS TO AVOID:	Keep from freezing
INCOMPATIBILITY:	None reasonably foreseeable

## SECTION V - FIRE & EXPLOSION HAZARD DATA

FLAMABILITY CLASSIFICATION:	Not DOT Regulated
	Flash Point - Non combustible

FLAMABILITY CLASSIFICATION (cont'd)	LEL - N/A
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EXTINGUISHING MEDIA: N/A

UNUSUAL FIRE & EXPLOSIONS HAZARD: None

SPECIAL FIREFIGHTING PROCEDURES: For fires involving this material, do not enter any enclosed or confined space **without** proper protective gear, including self-contained breathing apparatus to protect against the hazardous effects of the normal products of combustion or oxygen deficiency.

## **SECTION VI - SAFE HANDLING & USE INFORMATION**

RESPIRATORY PROTECTION: Wear suitable respirator (MSHA/NIOSH approved or equivalent) where exposure limits are exceeded.

VENTILATION: Mechanical local exhaust ventilation at point of containment release.

PROTECTIVE GLOVES: Impervious

EYE PROTECTION: Chemical splash goggles (ANSI Z-87.1 or approved equivalent)

## **SECTION VII - HEALTH HAZARD DATA**

EFFECTS OF OVER EXPOSURE:

- INHALATION: Vapor or mist can cause irritation of the nose, throat and lungs.
- EYE EXPOSURE: Possibly slightly irritating to eyes with direct contact.
- SKIN EXPOSURE: Possible skin irritant with repeated or prolonged contact.

EMERGENCY & FIRST AID PROCEDURES:

- INHALATION: Move subject to fresh air.
- EYE & SKIN CONTACT: Flush eyes with large amounts of water for at least 15 minutes. Wash affected skin areas with soap and water. See a physician if irritation persists.
- INGESTION: If swallowed give two glasses of water to drink. See a physician.

## **SECTION VIII - SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep spectators away. Floor may be slippery, use care to avoid falling. Scoop or shovel solid material into a suitable container for recovery or disposal. Keep spills out of municipal sewers and open bodies of water.

WASTE DISPOSAL METHODS: Disposal should be in accordance with Federal, state, and local regulations.

## **SECTION IX - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Keep from freezing.

OTHER PRECAUTIONS: None