

MATERIAL SAFETY DATA SHEET

EDISON COATINGS, INC. 3 NORTHWEST DRIVE PLAINVILLE, CT 06062 (860)-747-2220	IN CASE OF EMERGENCY, CALL INFOTRAC at 1-800-535-5053	<u>HMIS RATINGS</u>	
		FIRE:	1
		HEALTH:	1
		REACTIVITY:	1
		PROTECTION:	

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME:	Type G Additive	D.O.T. CATEGORY:	Not Applicable
PRODUCT CLASS:	Silane	DATE OF PREPARATION:	12/27/06
PRODUCT TYPE:	Silane Coupling Agent	PREVIOUS REVISION:	1/5/11

SECTION 2 - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CONCENTRATION</u>	<u>CAS#</u>	<u>OSHA TLV</u>
SILANE, 3-(GLYCIDYLOXY) PROPYLTRIMETHOXY	100%	2530-83-8	Not Established.

SARA TITLE 3 SECTION 313:	Not Listed
SUSPECTED CARCINOGEN:	No.

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE:		VAPOR PRESSURE:	< 1 mm Hg @ 68°F
SPECIFIC GRAVITY:	1.065 - 1.075 @ 77°F	VAPOR DENSITY:	(Air = 1) > 1
DENSITY:		WATER SOLUBILITY:	
BOILING POINT:	554°F @ 760 mm Hg	EVAPORATION RATE (ETHER = 1): Slower	
MELTING POINT:			

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	266°F
FLAMMABILITY CLASSIFICATION:	
EXTINGUISHING MEDIA:	Regular foam or carbon dioxide.

SECTION 5 - HEALTH HAZARD DATA

<u>EFFECTS OF OVEREXPOSURE</u>	
ACUTE:	Eye Contact: Causes severe irritation and corneal injury. Skin Contact: Can cause irritation. Ingestion: May cause gastrointestinal irritation and large amounts may cause serious harm. Inhalation: of mist can cause irritation or nasal and respiratory passages.

CHRONIC:	Prolonged skin contact may result in burns.
<u>EMERGENCY FIRST AID PROCEDURES:</u>	
EYES:	Immediately flush with water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention.
SKIN:	Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
INHALATION:	If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get medical attention.
INGESTION:	Immediately drink two glasses of water and induce vomiting by either giving IPECAC syrup or by placing finger at the back of throat. Never give anything by mouth to an unconscious person. Get medical attention.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	No data.
PRIMARY ROUTE(S) OF ENTRY:	Inhalation, Skin contact.

SECTION 6 - REACTIVITY DATA

STABILITY:	Stable.
INCOMPATIBILITY:	Avoid contact with strong mineral acids, strong oxidizing agents, water - liberates methanol.
HAZARDOUS DECOMPOSITION PRODUCTS:	May form toxic materials: carbon dioxide and carbon monoxide, various hydrocarbons, silicon dioxide.
FIREFIGHTING PROCEDURES:	Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting fires.
SPECIAL FIRE AND EXPLOSION HAZARDS:	Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

SECTION 7 - SPILL OR LEAKAGE PROCEDURES

IF MATERIAL IS SPILLED:	<p>Small spill: Absorb liquid or vermiculate, floor absorbent, or other absorbent and transfer to hood.</p> <p>Large spill: Eliminate all ignition source. Persons not wearing protective equipment should be evacuated from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams, or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spill product to clean containers for disposal.</p>
WASTE DISPOSAL METHOD:	In accordance with Federal, State, and Local Regulations.

(CONTINUED ON NEXT PAGE!)

SECTION 8 - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:	If workplace exposure limits of product or any component is exceeded (See Section 2), A NIOSH/MSHA- approved, air-supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other MIOSH/MSHA respirators (negative pressure type) under specified conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.
VENTILATION:	Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).
HAND PROTECTION:	Wear resistant gloves such as natural rubber.
EYE PROTECTION:	Chemical splash goggles in compliance with OSHA regulations are advised; However, OSHA regulations also permit other type safety glasses. Consult your safety representative.
OTHER PROTECTIVE EQUIPMENT:	To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

SECTION 9 - SPECIAL PRECAUTIONS

OTHER PRECAUTIONS:	Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet must be observed.
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