



335 Horner Avenue, Toronto, Ontario M8W 1Z6
 Canada Ph (416) 251-0051 fx (416) 251-3412
 www.protekpaint.com

SAFETY DATA SHEET

Product Code: MC429B
Product Trade Name: 6281A 2K Epoxy Safety Yellow – Part A
Product Class / Intended End Use: Commercial Coating
Emergency Telephone Numbers: For emergency health, safety and environmental information call 416-252-5676 (Monday to Friday 9am-4pm est/edt)

For Emergency Transportation Information call CANUTEC at 1-888-CAN-UTEC (226-8832) or 613-996-6666 or *666 from cell phone.

SECTION 2: HAZARDS IDENTIFICATION

Classification:

	Category
Eye Damage/Irritation	2A
Skin Corrosion/Irritation	2
Sensitization - Skin	1
Hazardous to the Aquatic Environment – Long Term (Chronic) Hazard	2
Signal word:	Warning

Hazard Pictograms:



Hazard Statement(s):

- Causes serious eye irritation
- Causes skin irritation
- May cause an allergic skin reaction
- Toxic to aquatic life with long lasting effects

Precautionary Statement(s) Prevention:

- Wear eye protection/face protection
- Wash hands thoroughly after handling
- Wear protective gloves
- Avoid breathing dust/fume/gas/mist/vapours/spray
- Contaminated work clothing should not be allowed out of the workplace
- Avoid release into the environment

Precautionary Statement(s) Response:

- **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **If eye irritation persists:** Get medical advice/attention
- **IF ON SKIN:** Wash with plenty of soap and water
- **IF SKIN IRRITATION OR RASH OCCURS:** Get medical advice/attention
- Take off contaminated clothing and wash it before reuse
- Collect spillage

PROTEK PAINT – SAFETY DATA SHEET

Precautionary Statement(s) Storage:

Precautionary Statement(S) Disposal:

- Dispose of contents/container in accordance with federal rules, laws and regulations

Hazards not Otherwise Classified:

- - None known.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS	EINECS	WT %
2,2-Bis[4-(glycidyoxy)phenyl]propane	25085-99-8	216-823-5	64.50
Oxirane, mono(C12-13-alkyloxy)methyl derivs.	120547-52-6	--	7.08
<i>N/A = Not Available N/E = Not Established</i>			

SECTION 4: FIRST-AID MEASURES

- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Remove contacts if present and easy to do so. Continue Rinsing. Get medical attention, if irritation or symptoms of overexposure persists.
- Skin Contact:** Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Wash clothing before reuse. If irritation develops and persists, get medical attention.
- Inhalation:** Immediately remove person to fresh air. If breathing has stopped, give artificial respiration. Get medical attention if symptoms persist.
- Ingestion:** Unlikely route of exposure. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. If symptoms occur obtain medical attention.

Call a poison centre or doctor/physician if you feel unwell.

Most Important Symptoms and Effects (both acute and delayed):

- Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.
- Pre-existing skin problems may be aggravated by prolonged or repeated contact.

Indication of any Immediate Medical Attention and Special Treatment Needed:

- Treat symptomatically.

PROTEK PAINT – SAFETY DATA SHEET

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Extinguish with carbon dioxide, dry chemical, foam or waterspray.
Unsuitable Extinguishing Media:	Do not use a solid water stream as it may scatter and spread fire.
Specific Hazards Arising from the Substance or Mixture:	<p>Combustible. May decompose in a fire giving off toxic fumes. Epoxy resins release phenolics, carbon monoxide, and water. Closed container may rupture (due to build up in pressure) when exposed to extreme heat.</p> <p>Hazardous combustion products: Irritating or toxic substances may be emitted upon burning, combustion or decomposition.</p>
Special Protective Equipment and Precautions for Fire Fighters:	Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. A full-body chemical resistant suit should be worn.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:	Eliminate all ignition sources (No smoking, flares, sparks or flames) in the immediate area. Ensure adequate ventilation. Do not breathe fumes/vapour from heated product. Stop leak if safe to do so. Use personal protective equipment as required. Avoid breathing vapours. Avoid contact with skin and eyes.
Environmental Precautions:	Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.
Methods and Materials for Containment and Clean Up:	Contain spillages. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Dispose of this material and its container as hazardous waste. Residual resin may be removed using steam or hot soapy water.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:	Wear protective gloves and eye/face protection. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash with soap and water after handling. Keep away from acids and other incompatibles. Keep containers tightly closed when not in use.
Conditions for Safe Storage:	Store cool and dry, under well-ventilated conditions. Keep away from heat, sparks and open flames. Store this material away from incompatible substances. Do not store in open, unlabeled or mislabeled containers. Keep container closed when not in use. Do not reuse empty container without commercial cleaning or reconditioning. Empty container contains residual product which may exhibit hazards of product.
Incompatibles:	Strong oxidizing agents; Strong acids Strong bases.

PROTEK PAINT – SAFETY DATA SHEET

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	ACGIH TLV (ppm)		OSHA PEL (ppm)	
	TWA	STEL	PEL	STEL
2,2-Bis[4-(glycidyoxy)phenyl]propane	N/E	N/E	N/E	N/E
Oxirane, mono(C12-13-alkyloxy)methyl derivs.	N/E	N/E	N/E	N/E
<i>N/A = Not Available N/E = Not Established</i>				

Appropriate Engineering Controls: Supply safety shower and eyewash station near handling area. Use local exhaust if general ventilation is inadequate.

Personal Protective Equipment Eye/Face Protection: Safety glasses with side-shields are recommended. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin/Body Protection: Wear suitable chemical resistant protective gloves for frequent or prolonged operations tested with an acceptable permeation test. Contaminated gloves should be carefully rinsed with water before reuse. Breakthrough time of the glove material: refer to the information provided by the gloves' producer.

Respiratory Protection: Wear an approved respirator (e.g., an organic vapor respirator, a full face air purifying respirator for organic vapors, or a self-contained breathing apparatus) whenever exposure to aerosol, mist, spray, fume or vapor exceed the applicable exposure limit(s) of any chemical substance listed in this SDS.

Other Protective Equipment: Emergency showers and eyewash facilities should be nearby. Wear a chemically resistant apron and long sleeves when dispensing, to prevent skin contact.

General Hygiene Considerations: General hygiene measures for the handling of chemicals are applicable. Keep good industrial hygiene. Avoid contact with skin and eyes. Do not breathe fumes/vapour from heated product. Avoid breathing vapours. Wash hands before breaks and after work. Keep work clothes separately. Do not eat, drink or smoke at the work place. IF exposed: Flush with fresh water if contact with skin or eyes.

PROTEK PAINT – SAFETY DATA SHEET

SECTION 9: PHYSICAL PROPERTIES

Autoignition Temperature:	Data not Available
Boiling Point:	218 °C / 491 °F
Colour:	Yellow
Decomposition Temperature:	Data not Available
Explosion Limit:	Data not Available
Flammability (solid, gas):	Combustible
Flash Point (Setaflash Closed Cup):	Not Applicable
Melting Point/Freezing Point:	Not Applicable
Odour Threshold:	Data not Available
Odour:	Sharp Aromatic
Partition Coefficient:	Data not Available
pH:	Not Applicable
Physical State:	Liquid
Relative Evaporation Rate (Butylacetate=1)	Data not Available
Solubility in Water:	Nil
Specific Gravity:	1.40
Vapour Density:	Not Applicable
Vapour Pressure:	Not Applicable
Viscosity:	Thick
% Volatiles by Weight:	0.21

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Not normally reactive under normal conditions.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	Hazardous polymerization does not occur.
Conditions to Avoid:	Excessive heat and ignition sources.
Incompatibles:	Avoid strong acids, bases, and oxidizing agents. Avoid contact with amines.
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide and hydrocarbons.

PROTEK PAINT – SAFETY DATA SHEET

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD 50			LC 50		
Name	mg/kg	Animal	Route	Mg/L	Animal	Route
2,2-Bis[4-(glycidyoxy)phenyl]propane		N/A			N/A	
Oxirane, mono(C12-13-alkyloxy)methyl derivs.	10400 >4500	Rat Rabbit	Oral Dermal	>1.5 mg/L	Rat	Inhalation, 4h
N/A = Not Available N/E = Not Established						

Likely Routes of Exposure:	Inhalation, skin and eye contact.
Symptoms/Injuries after Inhalation:	High airborne concentrations of vapors resulting from heating, misting or spraying may cause irritation of the respiratory tract and mucous membranes.
Symptoms/Injuries after Skin Contact:	Causes skin irritation. May cause an allergic skin reaction.
Symptoms/Injuries after Eye Contact:	Causes serious eye irritation.
Symptoms/Injuries after Ingestion:	Ingestion may cause irritation.
Potential Chronic Health Effects:	No relevant data found.
Specific Target Organ Systemic Toxicity (Repeated Exposure):	No relevant data available
Medical Conditions Aggravated by Overexposure:	No relevant data available.

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity:	Toxic to aquatic life with long lasting effects.
VOC (g/L):	0
Persistence and Degradability:	No data available on the product itself.
Bio-accumulative Potential:	No test data
Mobility in Soil:	No data available on the product itself.
Other Adverse Effects:	None known

SECTION 13: DISPOSAL CONSIDERATIONS

Handling for Disposal:	Handle waste according to recommendations in Section 7. Empty containers retain residue (liquid and/or vapour) and can be dangerous.
Methods of Disposal:	Dispose in accordance with all applicable federal, state, provincial and local regulations.
RCRA:	If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

DO NOT INCINERATE CLOSED CONTAINERS.

PROTEK PAINT – SAFETY DATA SHEET

SECTION 14: TRANSPORTATION INFORMATION

UN Number:	UN1263
UN Proper Shipping Name:	Paint
Transport Hazard Class:	3
Packing Group:	III
Environmental Hazards:	Toxic to aquatic life with long lasting effects.
Special Precautions for User:	Do not allow product to enter waterways.
Transport in Bulk:	Information not available.

SECTION 15: REGULATORY INFORMATION

Canada: All components are in compliance with the Canadian environmental protection act and are present on the domestic substances list. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

USA:
TSCA: All components of this material are on the US TSCA inventory or are exempt.
OSHA: This material is classified as hazardous under OSHA regulation (29CFR 1910.1200).
CERCLA: Reportable quantities (RQ) (40 CFR 117.302). Data not Available.
SARA TITLE 111: Sec 302, extremely hazardous substances, 40 CFR 355 - Data not available
SARA TITLE 111: Sec 313, toxic chemical notification, 40 CFR 372 - Data not Available

SECTION 16: OTHER INFORMATION

HMIS:	Health 2	Flammability 0	Reactive 0
NFPA:	Health 2	Flammability 0	Instability 0

Issue Date: June 6, 2018

Revision Date: June 6, 2018

DISCLAIMER

While Protek Paint believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the information and data contained herein is not to be taken as warranty or representation for which Protek Paint assumes liability. They are offered solely for your consideration, investigation and verification. Final determination of the suitability of the material for the use contemplated, the manner of use and whether the suggested use infringes any patent is the sole responsibility of the buyer.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of Protek Paint.

END OF SAFETY DATA SHEET