



NATIONAL COATINGS AND SUPPLIES
4900 FALLS OF NEUSE RD. SUITE 150
RALIEGH NC, 27609
USA
866-529-1682

PRODUCT: 61-514 TEK FLEX GLAZE

SECTION 01: IDENTIFICATION

Initial supplier identifier..... National Coatings and Supplies
4900 Falls of Neuse Rd, Suite 150
Raleigh
NC
USA
27609
866-529-1682

Product identifier..... 61-514 TEK FLEX GLAZE

Recommended use and restrictions on .. Automotive.
use

Chemical family..... Mixture.

NFPA rating..... Health: 2 Fire: 3 Reactivity: 2.

HMIS..... H: 2 F: 3 R: 0.

24 hour emergency number..... For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CAN-UTEC);
IN THE UNITED STATES CALL CHEMTREC 1-800-424-9300.
** For medical emergencies contact your local poison control centre **.

SECTION 02: HAZARD IDENTIFICATION



Signal Word..... DANGER.

Hazard Classification..... Flammable Solid 2. Skin Sensitizer — Category 1. Serious Eye Damage — Category 1.
Respiratory Sensitizer — Category 1. Carcinogen 1A. Specific Target Organ Toxicity —
Repeated Exposure — Category 1. (Auditory system). (Respiratory system). Reproductive
Toxicity — Category 1. Aquatic Chronic 3.

Hazard Description..... H228 Flammable Solid. H317 May cause an allergic skin reaction. H318 Causes serious
eye damage. H334 May cause allergy or asthma symptoms or breathing difficulties if
inhaled. H350 This product contains ingredients that may cause cancer. H360 May
damage fertility or the unborn child. H372 Causes damage to organs through prolonged or
repeated exposure. H412 Harmful to the aquatic life with long lasting effects.

Prevention..... P201 Obtain special instructions before use. P202 Do not handle this product until all
safety instructions have been read and understood. P210 Keep away from heat, sparks,
open flames and hot surfaces. No smoking. P240 Ground and bond container and
receiving equipment. P241 Use explosion proof equipment. P260 Do not breathe mist,
vapours, or spray. P261 Avoid breathing mists, vapours and sprays. P264 Wash
thoroughly after handling. P270 Do not eat drink or smoke while using this product. P272
Contaminated work clothing should not be allowed out of the workplace. P273 Avoid
release to the environment. P280 Wear protective gloves and eye protection. P284 In case
of inadequate ventilation wear respiratory protection.

Response P302 + P352 - If on skin: wash with plenty of water. P304 + P340 - If inhaled remove
person to fresh air and keep comfortable for breathing. P305 + P351 + P338 If in eyes
rinse cautiously with water for several minutes. Remove contact lenses, if present and easy
to do. Continue rinsing until medical help arrives. P308 + P313 If exposed or concerned,
get medical advice/attention. P310 - Immediately call your local poison control centre. P314
- Get medical advice/attention if you feel unwell. P321 - For specific treatment see section
4 on this SDS. P333 + P313 If skin irritation or rash occurs, get medical advice/attention.
P342 + P311 If experiencing respiratory symptoms; call poison center or doctor. P362 +
P364 - Take off contaminated clothing and wash before reuse. P370 + P378 In case of fire
- use dry chemical powder, CO2 or foam to extinguish.

Storage..... P405 Store locked up.

Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.

Other hazards..... None known.

PRODUCT: 61-514 TEK FLEX GLAZE**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Talc	14807-96-6	10-20
Styrene	100-42-5	10-30
Titanium Dioxide	13463-67-7	1-5
Tetrahydrophthalic acid anhydride	85-43-8	1-5
Crystalline silica	14808-60-7	0.1-1
Cobalt bis(2-ethylhexanoate)	136-52-7	0.1-1
N-methyl pyrrolidone	872-50-4	
Distillates (Petroleum) Hydrotreated Light	64742-47-8	0.1-1
Naphtha (petroleum), hydrotreated heavy	64742-48-9	0.1-1
Calcium bis(2-ethylhexanoate)	136-51-6	0.1-1

SECTION 04: FIRST-AID MEASURES

Eye contact.....	In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Consult a physician if irritation continues.
Skin contact.....	Immediately remove all contaminated clothing; flush skin with water for at least 15 minutes. If irritation persists, seek medical attention.
Inhalation.....	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.
Ingestion.....	If swallowed, do not induce vomiting. Give large quantity of water. Call a physician immediately. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs.
Additional information.....	Treat victims symptomatically. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable extinguishing media.....	Carbon dioxide, dry chemical, foam.
Unsuitable extinguishing media.....	Do not use solid water streams or water jet.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Oxides of carbon (CO, CO ₂). Oxides of calcium. Other potentially toxic fumes.
Special protective equipment and precautions for fire-fighters	Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Solvent vapours may be heavier than air and may build up and travel along the ground to an ignition source, which may result in a flash back to the source of the vapours. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Remove all sources of ignition. Do not touch spilled material. Use non-sparking tools and equipment to pick up the spilled material. Use personal protection equipment. Vapours can accumulate in low areas. Ventilate area, eliminate all sources of ignition, sound alarm, avoid all skin and eye contact and avoid breathing vapours.
Environmental precautions.....	Do not allow product to leak into drains or waterways. If spill does contaminate waterways then inform authorities.
Methods and materials for containment and cleaning up	Cover spill with inert absorbant material. Sweep up and place in container for proper disposal. Always wear ppe during cleanup.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....	Keep away from heat, sparks, and open flame. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Ground handling equipment. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Do not breathe vapours, mist or dust. Handle and open container with care. Handle in accordance with good industrial hygiene and safety practices. Employees should wash hands and face before eating or drinking.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from oxidizing and reducing materials. Store away from sunlight.

PRODUCT: 61-514 TEK FLEX GLAZE**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Talc	2 mg/m3 CA ON: 2mg/kg (TWA)	Not available	2 mg/m3 TWA	Not available	2 mg/m3
Styrene	20 ppm CA ON: 35ppm (TWA), 100ppm (STEL)	40 ppm	100 ppm	Not established	100 ppm
Titanium Dioxide	10 mg/m3 CA ON: 10 mg/m3 (TWA)	Not available	15 mg/m3	Not available	Not available
Tetrahydrophthalic acid anhydride	Not established	Not established	Not established	Not established	Not established
Crystalline silica	Not Established CA ON: 0.10 mg/m3 (Resp) TWA	Not Established	Not Established	Not Established	Not Established
Cobalt bis(2-ethylhexanoate)	0.05 mg/cu.m. TLV Long-term value 0.02 mg/m3	0.05 mg/cu.m.	No data	No data	No data
N-methyl pyrrolidone	Not Established	Not Established	Not Established	Not Established	Not Established
Distillates (Petroleum) Hydrotreated Light	1200 mg/m3 CA BC: 200mg/m3 (TWA) Skin	197 ppm	Not available	Not available	Not available
Naphtha (petroleum), hydrotreated heavy	175 ppm Not available	Not available	Not available	Not available	Not available
Calcium bis(2-ethylhexanoate)	Not available Not available	Not available	Not available	Not available	Not available
Personal Protective Equipment	Chemical safety goggles. Consult your personal protective equipment supplier for additional recommendations.				
Eye/type.....	Use NIOSH approved respirator or equipment. Do not exceed the use limits of the respirator. Consult your personal protective equipment supplier for additional recommendations.				
Respiratory/type.....	Chemical resistant gloves. Consult your personal protective equipment supplier for additional recommendations.				
Gloves/ type.....	Wear adequate protective clothes. Wear long sleeves and trousers to prevent dermal exposure. Consult your personal protective equipment supplier for additional recommendations.				
Clothing/type.....	Safety boots per local regulations. Consult your personal protective equipment supplier for additional recommendations.				
Footwear/type.....	Eye wash facility and emergency shower should be in close proximity.				
Other/type.....	Use local exhaust or general room ventilation sufficient to prevent overexposure.				
Appropriate engineering controls.....					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state.....	Paste.
Colour.....	Not available.
Odour.....	Not available.
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	Not available.
Vapour density (air=1).....	Not available.
pH.....	Not applicable.
Relative Density (Specific Gravity).....	0.97.
Melting / Freezing point (deg C).....	Not available.
Solubility.....	Not available.
Initial boiling point / boiling range (deg C).....	Not available.
Evaporation rate.....	Not available.
Flash point (deg C), method.....	Not available.
Auto ignition temperature (deg C).....	Not available.
Upper flammable limit (% vol).....	Not available.
Lower flammable limit (% vol).....	Not available.
Partition coefficient — n-octanol/water.....	Not available.
Viscosity.....	Not available.

PRODUCT: 61-514 TEK FLEX GLAZE**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

% Weight Volatile (VOC).....	4.62.
% Volume Volatile exempt.....	0.00.
VOC LBS/GAL less EXEMPT	
VOC LBS/GAL less exempt volatiles.....	0.37.
VOC LBS/GAL less water.....	0.37.

SECTION 10: STABILITY AND REACTIVITY

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity	Explosive reactions can occur in the presence of strong oxidizing agents.
Conditions to avoid, including static	Strong oxidizers. Strong acids. Aluminum Sulfate. Ammonium hydroxyde. Fluorine.
discharge, shock or vibration	Magnesium salts. Hydrogen.
Hazardous decomposition products.....	See hazardous combustion products section 5.
Possibility of hazardous reactions.....	Will not occur under normal temperature and pressure.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Talc	Not available	Not available
Styrene	2770 ppm 4 hr rat	5000 mg/kg (rat oral)
Titanium Dioxide	>6.8 mg/L (4 hr)	>10,000 mg/kg (rat, oral) >10,000 mg/kg (rabbit, dermal)
Tetrahydrophthalic acid anhydride	No data	5410 mg/kg rat oral
Crystalline silica	Not Available	Not Available
Cobalt bis(2-ethylhexanoate)	No data	1220-1550 mg/kg (oral, rat)
N-methyl pyrrolidone	No Data	3600 mg/kg (oral, rat)
Distillates (Petroleum) Hydrotreated Light	>5.2 mg/L (4 hr.)	>5000 mg/kg (oral, rat), >2000 mg/kg (dermal, rabbit)
Naphtha (petroleum), hydrotreated heavy	>8500 mg/m3 (rat, 4 hr)	>6000 mg/kg (oral, rat)
Calcium bis(2-ethylhexanoate)	Not available	Not available
Route of exposure.....	Eye contact. Skin contact. Inhalation. Ingestion.	
Effects of acute exposure.....	The aromatic hydrocarbon solvents in this product can be irritating to the eyes, nose and throat. In high concentration, they may cause central nervous system depression and narcosis characterized by nausea, lightheadedness and dizziness from overexposure by inhalation. Excessive inhalation can produce kidney and liver damage.	
Effects of chronic exposure.....	Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Skin, conjunctiva and mucous membranes of upper respiratory tract may be irritated. Dermatitis and defatting of the skin. This product contains crystalline silica. Excessive long-term exposure to crystalline silica may cause silicosis, a form of disabling, progressive and sometimes fatal fibrotic lung disease. Severe and permanent lung damage may result. Talc has been shown to cause fibrosis of the lungs.	
Respiratory or Skin Sensitization.....	Repeated contact may cause allergic skin and/or respiratory reactions resulting in sensitization of the individual. Respiratory sensitivity results in asthma-like symptoms on subsequent exposure. May cause sensitization by skin contact.	
Aspiration Hazard.....	Not classified.	
Carcinogenicity.....	Styrene is classified by IARC as a Group 2B carcinogen. Quartz (Crystalline Silica) is listed by IARC in Group 1 as a carcinogen. This product contains non-asbestiform Talc, which is classified as a Group 3 (not classifiable as to carcinogenicity to humans) by IARC. IARC has classified Titanium Dioxide as a "Group 2B"; possibly carcinogenic to humans. IARC has classified Cobalt Carboxylate as a group 2B carcinogen.	
Mutagenicity.....	Not classified.	
Reproductive effects.....	May damage fertility or the unborn child.	
Serious eye damage/eye irritation.....	Causes serious eye damage.	
STOT-RE.....	May cause damage to organs through prolonged and repeated exposure.	

SECTION 12: ECOLOGICAL INFORMATION

Environmental.....	Not available as a product.
Bioaccumulative potential.....	No product data available.
Ecotoxicity.....	Not available. Product data not available.
Mobility in soil.....	Not available as a product.
Persistence and degradability.....	Not available as a product.

PRODUCT: 61-514 TEK FLEX GLAZE**SECTION 13: DISPOSAL CONSIDERATIONS**

Information on safe handling for disposal and methods of disposal, including any contaminated packaging

Dispose of as an industrial waste in a manner acceptable to good waste management practice and in accordance with applicable local, provincial/State or federal regulations. Empty containers must be handled with care due to product residue. Empty drums should be reconditioned by a properly licensed drum recycler.

SECTION 14: TRANSPORT INFORMATION

TDG Classification..... UN3269 - POLYESTER RESIN KIT - Class 3 - Packing Group II. . Limited Quantity exemption when packaged in containers less than 5 liters.
 IATA Classification (Air)..... UN3269 - POLYESTER RESIN KIT - Class 3 - Packing Group II.
 IMDG Classification (Marine)..... UN3269 - POLYESTER RESIN KIT - Class 3 - Packing Group II. EmS: F-E S-D.
 Marine Pollutant..... No.
 Proof of Classification..... In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct. .

SECTION 15: REGULATORY INFORMATION

CEPA status..... A component of this product is on the NDSL. The balance of the substances are on the DSL. Some substances are subject to a SNAC (Significant New Activity) - see below.
 NDSL..... (CAS @ 88-98-2).
 Categorization of the DSL..... (CAS # 111-77-3). (CAS # 136-52-7). (CAS # 136-51-6). (CAS # 149-57-5). (CAS # 13463-67-7). (CAS # 14807-96-6). (CAS # 14808-60-7). (CAS # 21645-51-2). (CAS # 64742-47-8). (CAS # 64742-48-9). (CAS # 77-49-6). (CAS # 872-50-4).
 National Pollutant Release Inventory (NPRI)..... (CAS # 100-42-5 (CAT 1A & 5)). (CAS # 111-77-3 (CAT 1A)). (CAS # 64742-47-8 (CAT 5)). (CAS # 64742-48-9 (CAT 5)). (CAS # 872-50-4 (CAT 1A)).
 Environmental Emergency Regulations.... (CAS # 100-42-5).
 Significant New Activity..... (CAS # 136-51-6). (CAS # 111-77-3). (CAS # 77-99-6).
 TSCA inventory status..... All components are either listed or exempt from the TSCA. .
 OSHA..... This product is considered hazardous under the OSHA Hazard Communication Standard.
 SARA Title III
 Section 302 - extremely hazardous None.
 substances
 Section 311/312 - hazard categories..... Immediate health, delayed health, fire hazard.
 Section 313..... Styrene.
 EPA hazardous air pollutants (HAPS) Styrene.
 40CFR63
 California Proposition 65..... *WARNING: This product contains a chemical known to the State of California to cause cancer. (Silica, crystalline (airborne particles of respirable size). (N,N-Dimethyl-p-toluidine). (Styrene). (Titanium dioxide - airborne, unbound particles of respirable size).

SECTION 16: OTHER INFORMATION

Prepared by: REGULATORY AFFAIRS.
 Telephone number:..... (800) 387-7981.
 Disclaimer:..... DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed to be correct as of the date of issue but we make no representations as to its accuracy or sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.
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 data sheet