

SDSD2461

ITEM: 3EHR1 - Instant Adhesive, 2g Tube, Clear, PK3
DELIVERY: 6485142570 HU NUMBER: U552216225
SAFETY DATA SHEET (SDS)

This SDS should be attached or kept with the respective product with which it is associated.

SDS - D2461

Associated Items
3EHR1

PACER(R*) TECHNOLOGY
INDUSTRIAL - PRIVATE LABEL

SAFETY DATA SHEET

DATE PREPARED: 10/10/2014

MSDS NO: 3EHR1 - GHS

DATE REVISED: 10/30/2014

REVISION NO: 7

-----1. PRODUCT AND COMPANY IDENTIFICATION-----

GENERAL USE: CYANOACRYLATE ADHESIVE PRODUCT.

PRODUCT DESCRIPTION: GRAINGER - SGG23, SUPER GLUE GEL 3PK 2G TUBE

MANUFACTURER:
PACER TECHNOLOGY
3281 E. GUASTI RD.
SUITE 260
ONTARIO, CA 91761

EMERGENCY CONTACT: CHEMTREC

EMERGENCY PHONE: 800-424-9300

ALTERNATE EMERGENCY PHONE: 703-527-3887

PRODUCT STEWARDSHIP: 909-987-0550

-----2. HAZARDS IDENTIFICATION-----

GHS CLASSIFICATIONS:

HEALTH:
EYE IRRITATION, CATEGORY 2A
SKIN IRRITATION, CATEGORY 2
TARGET ORGAN TOXICITY (SINGLE EXPOSURE), CATEGORY 3
SKIN SENSITIZATION, CATEGORY 1

PHYSICAL: FLAMMABLE LIQUIDS, CATEGORY 4

GHS LABEL ELEMENTS: EXCLAMATION MARK

SIGNAL WORD: WARNING

HAZARD STATEMENTS:
H315: CAUSES SKIN IRRITATION.
H319: CAUSES SERIOUS EYE IRRITATION.
H317: MAY CAUSE AN ALLERGIC SKIN REACTION.
H335: MAY CAUSE RESPIRATORY IRRITATION.
H227: COMBUSTIBLE LIQUID.

PRECAUTIONARY STATEMENT(S):

PREVENTION:

P264: WASH SKIN AND HANDS THOROUGHLY AFTER HANDLING.

P280:
WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.

P261: AVOID BREATHING DUST/FUME/GAS/MIST/VAPOURS/SPRAY.

P271: USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.

P210: KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING.

RESPONSE:

P370:
IN CASE OF FIRE: USE DRY CHEMICAL, FOAM OR CARBON DIOXIDE TO EXTINGUISH.

P305+P351 + P338:
IF IN EYES:
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

P337+P313:
IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.

P313: GET MEDICAL ADVICE/ATTENTION.

P302+P352:
IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.

P333+P313:
IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.

P362: TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

P304+P340:
IF INHALED:
REMOVE TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING.

P312: CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

STORAGE:
P403+P233: STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED.
P403+P235: STORE IN A WELL-VENTILATED PLACE. KEEP COOL.
P405: STORE LOCKED UP.

DISPOSAL:
7944L501:
DISPOSE OF IN A MANNER CONSISTENT WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

-----3. COMPOSITION / INFORMATION ON INGREDIENTS-----

| CHEMICAL NAME | WT.% | CAS |
|-------------------------|----------|-----------|
| ETHYL-2-CYANOACRYLATE | 85 - 100 | 7085-85-0 |
| POLYMETHYL METHACRYLATE | 10 - 30 | 9011-14-7 |

-----4. FIRST AID MEASURES-----

EYES:
IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.

SKIN: WASH WITH SOAP AND WATER. PEEL OR ROLL SKIN APART.

INGESTION:
PEEL OR ROLL SKIN APART. ADHESIVE BECOMES SOLID IN CONTACT WITH SALIVA AND MAY ADHERE TO INSIDE OF MOUTH. SALIVA WILL LIFT ADHESIVE IN 1-2 DAYS. AVOID SWALLOWING SOLID ADHESIVE AFTER DETACHMENT. NOT A TOXIC PRODUCT.

INHALATION:
REMOVE TO FRESH AIR. PROLONGED OR REPEATED ELEVATED EXPOSURE MAY CAUSE ALLERGIC REACTIONS WITH ASTHMA-LIKE SYMPTOMS IN SENSITIVE INDIVIDUALS.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

EYES:
CAUSES SERIOUS EYE IRRITATION. WILL BOND EYELIDS. WILL CAUSE EXCESSIVE TEARING.

SKIN:
BONDS SKIN IN SECONDS. MAY CAUSE SKIN IRRITATION. MAY CAUSE SENSITIZATION BY SKIN CONTACT. CYANOACRYLATES GENERATE HEAT ON POLYMERIZATION, SO VERY LARGE AMOUNTS WILL BURN THE SKIN.

INGESTION:
ADHESIVE BECOMES SOLID IN CONTACT WITH SALIVA AND MAY ADHERE TO INSIDE OF MOUTH. SALIVA WILL LIFT ADHESIVE IN 1-2 DAYS. NOT A TOXIC PRODUCT.

INHALATION:
PROLONGED OR EXCESSIVE INHALATION MAY CAUSE RESPIRATORY TRACT IRRITATION.

ACUTE TOXICITY: AVOID EXPOSURE TO VAPOR CONCENTRATION IN CONFINED AREAS.

CHRONIC EFFECTS:
FREQUENT OR PROLONGED CONTACT MAY IRRITATE THE SKIN AND CAUSE A SKIN RASH (DERMATITIS).

-----5. FIRE FIGHTING MEASURES-----

FLAMMABLE CLASS: GHS FLAMMABLE LIQUID, CATEGORY 4

GENERAL HAZARD:
COMBUSTIBLE LIQUID AND VAPOR. PRODUCT POLYMERIZED TO SOLID BY WATER.

EXTINGUISHING MEDIA:
USE DRY CHEMICAL EXTINGUISHER OR FLUSH WITH LARGE AMOUNTS OF WATER.

FIRE FIGHTING EQUIPMENT:
AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND, (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

HAZARDOUS DECOMPOSITION PRODUCTS:
COMBUSTIBLE BY-PRODUCTS OF CARBON MONOXIDE/DIOXIDE.

-----6. ACCIDENTAL RELEASE MEASURES-----

SMALL SPILL:
POLYMERIZE WITH WATER. SOLID MATERIAL MAY BE SCRAPED FROM SURFACE.

LARGE SPILL:
POLYMERIZE WITH WATER. INCREASE VENTILATION TO AREA. SOLID MATERIAL MAY BE SCRAPED FROM SURFACE.

ENVIRONMENTAL PRECAUTIONS:
WATER SPILL: NONE KNOWN.



-----7. HANDLING AND STORAGE -----

GENERAL PROCEDURES:
USE WITH ADEQUATE VENTILATION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

HANDLING:
AVOID BREATHING (DUST, VAPOR, MIST, GAS). AVOID CONTACT WITH SKIN, EYES AND CLOTHING. KEEP CONTAINER CLOSED WHEN NOT IN USE.

STORAGE:
STORE IN A COOL PLACE IN ORIGINAL CONTAINER AND PROTECT FROM SUNLIGHT. KEEP AWAY FROM SOURCES OF IGNITION.

STORAGE TEMPERATURE:
IDEAL STORAGE: 41-50F (5-10C)

SHELF LIFE:
ONE YEAR FROM THE DATE OF SHIPMENT FROM PACER TECHNOLOGY, UNLESS OTHERWISE NOTED.

-----8. EXPOSURE CONTROLS / PERSONAL PROTECTION -----

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

| CHEMICAL NAME | EXPOSURE LIMITS | | | | | | |
|-----------------------|-----------------|-----------|--------------|-----|-------|-----|-------|
| | OSHA PEL | ACGIH TLV | SUPPLIER OEL | PPM | MG/M3 | PPM | MG/M3 |
| ETHYL-2-CYANOACRYLATE | TWA | [1] | [1] | 0.2 | 1.0 | 0.2 | PPM |

OSHA TABLE COMMENTS:
(1.) NL = NOT LISTED

ENGINEERING CONTROLS:
USE ONLY IN A WELL VENTILATED AREA. LOCAL EXHAUST VENTILATION MAY BE NECESSARY TO CONTROL ANY AIR CONTAMINANTS TO WITHIN THEIR TLVS DURING THE USE OF THIS PRODUCT.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE:
FOR NORMAL CONDITIONS, WEAR SAFETY GLASSES. WHERE THERE IS REASONABLE PROBABILITY OF LIQUID CONTACT, WEAR SPLASH-PROOF GOGGLES.

SKIN:
USE NITRILE GLOVES AND APRONS TO PREVENT CONTACT. DO NOT USE PVC, NYLON OR COTTON MATERIALS.

RESPIRATORY:
USE ONLY IN A WELL-VENTILATED AREA. IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT.

RECOMMENDED:
FULL-FACE NIOSH-APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE.

WORK HYGIENIC PRACTICES:
AVOID DIRECT CONTACT AND BREATHING VAPOR. USE WITH ADEQUATE VENTILATION. WASH HANDS WITH SOAP AND WATER AFTER USE.

OTHER USE PRECAUTIONS:
FACILITIES STORING OR UTILIZING THIS MATERIAL SHOULD BE EQUIPPED WITH AN EYEWASH FACILITY AND A SAFETY SHOWER.

-----9. PHYSICAL AND CHEMICAL PROPERTIES -----

PHYSICAL STATE: LIQUID

ODOR: CHARACTERISTIC ODOR, INTENSELY IRRITATING.

ODOR THRESHOLD:
ODOR THRESHOLD: 1 PPM

APPEARANCE: TRANSPARENT, COLORLESS LIQUID.

PH: NOT APPLICABLE.

PERCENT VOLATILE: NOT AVAILABLE

FLASHPOINT AND METHOD:
80 DEG. C (176 DEG. F) TO 93.4 DEG. C (200 DEG. F) TAG CC

FLAMMABLE LIMITS: NOT AVAILABLE

AUTOIGNITION TEMPERATURE: 485 DEG. C (905 DEG. F)

VAPOR PRESSURE: <0.2 MMHg

VAPOR DENSITY: NOT AVAILABLE

BOILING POINT: > 149 DEG. C (300 DEG. F)

FREEZING POINT: NOT AVAILABLE

MELTING POINT: NOT DETERMINED

THERMAL DECOMPOSITION: NOT AVAILABLE

SOLUBILITY IN WATER: INSOLUBLE

EVAPORATION RATE: NOT ESTABLISHED

DENSITY: NOT AVAILABLE

SPECIFIC GRAVITY: 1.06 G/ML AT 25 DEG. C

VISCOSITY #1: 30,000 TO 60,000 CENTIPOISE AT 22 DEG. C (72 DEG. F)

MOLECULAR WEIGHT: NOT AVAILABLE

(VOC): <20.000 G/L PER SCAQMD METHOD 316B.

COEFF. OIL/WATER:
PARTITION COEFFICIENT (OCTANOL/WATER): NOT APPLICABLE.

-----10. STABILITY AND REACTIVITY -----

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID:
AVOID TEMPERATURES ABOVE 176 DEG. F (80 DEG. C), MOISTURE AND ALKALINES.

POSSIBILITY OF HAZARDOUS REACTIONS:
POSSIBLE POLYMERIZATION REACTION IN THE PRESENCE OF WATER, AMINES, ALKALIS AND ALCOHOLS.

HAZARDOUS DECOMPOSITION PRODUCTS:
CARBON DIOXIDE, CARBON MONOXIDE AND OTHER TOXIC OR IRRITATING COMPOUNDS MAY FORM WHEN HEATED TO DECOMPOSITION. OXIDES OF NITROGEN AND PROBABLY HYDROGEN CYANIDE ARE ALSO POSSIBLE.

INCOMPATIBLE MATERIALS:
POLYMERIZED BY WATER, ALCOHOL, AMINES, ALKALINE MATERIALS.

COMMENTS:

REACTIVITY:
RAPID EXOTHERMIC POLYMERIZATION WILL OCCUR IN THE PRESENCE OF WATER, AMINES, ALKALIS AND ALCOHOLS.

-----11. TOXICOLOGICAL INFORMATION -----

ACUTE:

CHEMICAL NAME ORAL LD50 (RAT) DERMAL LD50 (RABBIT)

ETHYL-2-CYANOACRYLATE >5000 MG/KG >2000 MG/KG

DERMAL LD50: >2000 MG/KG
NOTES: (ESTIMATED)

ORAL LD50: >5000 MG/KG
NOTES: (ESTIMATED)

INHALATION LC50: VAPORS MAY BE IRRITATING.

RECOMMENDED TWA: 0.2 PPM.

EYE EFFECTS: BONDS SKIN AND EYES IN SECONDS. EYE IRRITANT.

SKIN EFFECTS:
IRRITATING TO SKIN. MAY CAUSE ALLERGIC SKIN REACTION WITH PROLONGED CONTACT.

CARCINOGENICITY:
IARC: NONE KNOWN.
NTP: NONE KNOWN.
OSHA: NONE KNOWN.

SENSITIZATION: POSSIBLE SKIN SENSITIZER.

TARGET ORGANS:

INGREDIENT HEALTH EFFECT / TARGET ORGAN

ETHYL CYANOACRYLATE IRRITANT, ALLERGEN / RESPIRATORY, SKIN

-----12. ECOLOGICAL INFORMATION -----

GENERAL COMMENTS: NONE KNOWN.

-----13. DISPOSAL CONSIDERATIONS -----

DISPOSAL METHOD:
DISPOSE OF FOLLOWING ALL LOCAL AUTHORITY REQUIREMENTS FOR DISPOSAL.

-----14. TRANSPORT INFORMATION -----

DOT (DEPARTMENT OF TRANSPORTATION):
PROPER SHIPPING NAME: NOT RESTRICTED

ROAD AND RAIL (ADR/RID):
PROPER SHIPPING NAME: NOT RESTRICTED

AIR (ICAO/IATA):

SHIPPING NAME:
NOT REGULATED (LESS THAN 500 ML). AVIATION REGULATED LIQUID, N.O.S. (ETHYL CYANOACRYLATE), UN3334, 9.

VESSEL (IMO/IMDG):
SHIPPING NAME: NOT RESTRICTED

CANADA TRANSPORT OF DANGEROUS GOODS:
SHIPPING NAME: NOT RESTRICTED



—15. REGULATORY INFORMATION —

UNITED STATES:

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES:
IMMEDIATE HEALTH, DELAYED HEALTH, FIRE, REACTIVE.

313 REPORTABLE INGREDIENTS: NONE ABOVE REPORTING DE MINIMUS.

302/304 EMERGENCY PLANNING:
EMERGENCY PLAN: NONE ABOVE REPORTING DE MINIMUS.

TSCA (TOXIC SUBSTANCE CONTROL ACT):

| CHEMICAL NAME | CAS |
|-------------------------|-----------|
| ETHYL-2-CYANOACRYLATE | 7085-85-0 |
| POLYMETHYL METHACRYLATE | 9011-14-7 |

TSCA STATUS:
ALL COMPONENTS ARE LISTED ON OR ARE EXEMPT FROM LISTING ON THE TOXIC SUBSTANCES CONTROL ACT.

CLEAN AIR ACT:

40 CFR PART 68 - RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION:
NOT APPLICABLE.

CALIFORNIA PROPOSITION 65:
NO CALIFORNIA PROPOSITION 65 INGREDIENTS ARE KNOWN TO BE IN THIS PRODUCT.

CANADA:

WHMIS HAZARD SYMBOL AND CLASSIFICATION:
COMBUSTIBLE LIQUID
TOXIC

CLASS B3 - COMBUSTIBLE, D2B - IRRITANT.

WHMIS CLASS: B3 - COMBUSTIBLE, D2B - IRRITANT.

DOMESTIC SUBSTANCE LIST (INVENTORY):
ALL COMPONENTS ARE LISTED ON OR ARE EXEMPT FROM LISTING ON THE DOMESTIC SUBSTANCES LIST.

—16. OTHER INFORMATION —

PREPARED BY: MARY ROBLES

DATE-REVISED: 10/30/2014

REVISION SUMMARY: THIS MSDS REPLACES THE 10/21/2014 MSDS.

REVISED:
SECTION 4:
SIGNS AND SYMPTOMS OF OVEREXPOSURE (INGESTION, SKIN, SKIN ABSORPTION).

HMIS RATING:
HEALTH 2
FLAMMABILITY 2
PHYSICAL HAZARD 1
PERSONAL PROTECTION

NFPA CODES:

2
2
1

MANUFACTURER DISCLAIMER:
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