

CROSSLINK TECHNOLOGY INC.
6380 VISCOUNT ROAD
MISSISSAUGA, ONTARIO L4V 1H3
(905) 673-0510

PRODUCT : CLH 6372



SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER.....CROSSLINK TECHNOLOGY INC.
6380 VISCOUNT ROAD
MISSISSAUGA, ONTARIO
L4V 1H3
(905) 673-0510
(613) 996-6666
PRODUCT NAME.....CLH 6372
PRODUCT USES.....CATALYST/CURING AGENT
EMERGENCY PHONE #:.....DURING OFFICE HOURS (905) 673-0510 FOR EMERGENCY AFTER HOURS CALL CANUTEC
(613) 996-6666

SECTION 02: COMPOSITION/INFORMATION INGREDIENTS

HAZARDOUS INGREDIENTS	%	EXPOSURE LEVELS	C.A.S. #	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
LINEAR POLYAMINE	30-60%	NOT AVAILABLE	000112-24-3	4340mg/KG (ORL-RAT)	NOT AVAILABLE
ALKYL POLYAMINE	30-60 %	NOT AVAILABLE	25620-58-0	900mg/KG (N/AV.)	NOT AVAILABLE

SECTION 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:

SKIN CONTACT.....MODERATE TO SEVERE IRRITANT. PROLONGED EXPOSURE MAY RESULT IN SKIN SENSITIZATION. SKIN SENSITIVITY RESULTS IN ALLERGIC DERMATITIS, WHICH MAY INCLUDE RASH, HIVES AND SWELLING OF THE EXTREMITIES
SKIN ABSORPTION SKIN.....REPEATED SKIN CONTACT MAY CAUSE DERMATITIS IN SENSITIVE INDIVIDUALS
ABSORPTION
EYE CONTACT.....SEVERE IRRITATION, REDNESS, TEARING AND BLURRED VISION. CAN CAUSE CHEMICAL BURN, DAMAGE IRREVERSIBLE. VAPORS CAN PRODUCE IRRITATION
INHALATION.....VAPORS MAY CAUSE RESPIRATORY TRACT IRRITATION, NAUSEA, HEADACHE, AND DIZZINESS
INHALATION, CHRONIC.....SEE ACUTE INHALATION.
INGESTION.....CAN CAUSE BURNING OF THE MOUTH. CAN CAUSE GASTRO-INTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF LIQUID INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS. SWALLOWING CAUSES INEBRIATION, HEADACHE, VOMITING, LEADING TO SEVERE ILLNESS, BLINDNESS, EVEN DEATH. SEE LD50 AND LC50
EFFECTS OF ACUTE EXPOSURE.....REFER TO ROUTE OF ENTRY
EFFECTS OF CHRONIC EXPOSURE.....REPEATED CONTACT WITH THE SKIN MAY CAUSE DERMATITIS IN SENSITIVE INDIVIDUALS. MAY CAUSE RESPIRATORY DAMAGE.

SECTION 04: FIRST AID MEASURES

EYE CONTACT.....IMMEDIATELY FLUSH WITH WATER FOR A MINIMUM OF 20 MINUTES. GET MEDICAL ATTENTION.
INGESTION INGESTION INGESTION.....DILUTE WITH LARGE QUANTITIES OF WATER OR MILK. DO NOT INDUCE VOMITING. ASPIRATION HAZARD . GET IMMEDIATE MEDICAL ATTENTION.
INHALATION.....IF OVEREXPOSURE OCCURS, REMOVE TO FRESH AIR.
SKIN CONTACT.....REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WITH WATER AND SOAP. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS OR PERSISTS.

SECTION 05: FIRE FIGHTING MEASURES

FLAMMABILITY.....NOT FLAMMABLE
IF YES, UNDER WHICH CONDITIONS?
FLASH POINT (C), METHOD.....100-125 C (PMCC)
AUTO IGNITION TEMPERATURE.....NOT AVAILABLE
UPPER FLAMMABLE LIMIT (% VOL).....NOT AVAILABLE
LOWER FLAMMABLE LIMIT (% VOL).....NOT AVAILABLE
EXTINGUISHING MEDIA.....CARBON DIOXIDE, DRY CHEMICAL, FOAM. WATER SPRAY
HAZARDOUS COMBUSTION PRODUCTS.....OXIDES OF NITROGEN. COMBUSTION WILL RESULT IN THE USUAL DECOMPOSITION PRODUCTS, INCLUDING OXIDES OF CARBON.
SENSITIVITY TO STATIC.....NOT AVAILABLE
DISCHARGE
SPECIAL PROCEDURES.....FIREFIGHTERS SHOULD WEAR THE USUAL PROTECTIVE GEAR; SELF-CONTAINED BREATHING APPARATUS

SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL.....DIKE AREA TO PREVENT SPREADING, ABSORB WITH INERT MATERIAL. PUT IN APPROPRIATE CONTAINER. CLEAN WITH WATER. ABSORB WITH INERT MATERIAL. PUT IN APPROPRIATE CONTAINER. CLEAN WITH WATER.

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SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT.....AVOID BREATHING VAPORS. HANDLE IN ACCORDANCE WITH THE REGULAR PROCEDURE. AVOID SKIN AND EYE CONTACT. MAINTAIN A GOOD PERSONAL HYGIENE. USE ADEQUATE VENTILATION.

STORAGE NEEDS.....IDEAL STORAGE TEMPERATURE IS 15-26.7 C (60-80 F). STORE IN A DRY AND WELL-VENTILATED AREA.

SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

IMPERVIOUS GLOVES
GLOVES/ TYPE.....A BARRIER CREAM. WEAR PROTECTIVE GLOVES

RESPIRATORY/TYPE.....AVOID BREATHING VAPOURS

EYE/TYPE.....SAFETY GLASSES WITH SIDE-SHIELDS

FOOTWEAR/TYPE.....NOT APPLICABLE

CLOTHING/TYPE.....WEAR ADEQUATE PROTECTIVE CLOTHES.

OTHER/TYPE.....EYE WASH FACILITY SHOULD BE CLOSE IN PROXIMITY.

VENTILATION REQUIREMENTS.....LOCAL EXHAUST AT POINTS OF EMISSION. AVOID BREATHING VAPORS AND MISTS; IF GENERAL VENTILATION OR LOCAL EXHAUST IS INADEQUATE, PERSONS EXPOSED TO MISTS SHOULD WEAR APPROVED BREATHING DEVICES.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE.....VISCIOUS LIQUID

ODOR.....MILD AMINE ODOUR

ODOR THRESHOLD (ppm).....NOT AVAILABLE

SPECIFIC GRAVITY.....0.9-1.0

VAPOR PRESSURE (mm Hg).....<1.0 @ 20 C

VAPOR DENSITY (AIR=1).....5

EVAPORATION RATE.....<1.0 @ 20 C

BOILING POINT (deg C).....NOT APPLICABLE

pH.....BASIC

SOLUBILITY IN WATER (% W/W).....NEGLIGIBLE

COEFFICIENT OF WATER/OIL.....NOT AVAILABLE

DISTRIBUTION

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY
YES.....YES

NO, WHICH CONDITIONS ?

COMPATIBILITY WITH OTHER
SUBSTANCES
YES

NO, WHICH ONES?.....SEE REACTIVITY CONDITIONS

REACTIVITY CONDITIONS ?.....EXPOSURE TO HIGH HEAT. IN THE PRESENCE OF OXIDIZING MATERIALS. REACTS WITH ACIDS TO PRODUCE HEAT.

HAZARDOUS PRODUCTS OF
DECOMPOSITION.....SEE HAZARDOUS COMBUSTION PRODUCTS.

SECTION 11: TOXICOLOGICAL INFORMATION

IRRITANCY OF MATERIAL.....SEVERE

SENSITIZING CAPABILITY OF
MATERIAL.....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.

CARCINOGENICITY OF MATERIAL.....NEGATIVE

TERATOGENICITY.....NEGATIVE

MUTAGENICITY.....NEGATIVE

REPRODUCTIVE EFFECTS.....NEGATIVE

SYNERGISTIC MATERIALS.....NOT AVAILABLE.

SECTION 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL
BIODEGRADABILITY

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL.....IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

T.D.G. CLASSIFICATION.....AMINES, LIQUID, CORROSIVE N.O.S. UN 2735; CLASS 8; P.G. III

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION.....D1B E

TSCA STATUS.....INCLUDED IN TSCA INVENTORY

PRODUCT : CLH 6372

SECTION 16: OTHER INFORMATION

N.AP.-NOT APPLICABLE

N.AV.-NOT AVAILABLE

LAB TELEPHONE #:.....(905) 673-0510

PREPARATION DATE.....MAR 03/2005

CROSSLINK TECHNOLOGY INC.
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PRODUCT : XR5 1445



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6380 VISCOUNT ROAD
MISSISSAUGA, ONTARIO
L4V 1H3
(905) 673-0510
(613) 996-6666
PRODUCT NAME.....XR5 1445
PRODUCT USES.....EPOXY RESIN
EMERGENCY PHONE #:.....DURING OFFICE HOURS (905) 673-0510 FOR EMERGENCY AFTER HOURS CALL CANUTEC
(613) 996-6666

SECTION 02: COMPOSITION/INFORMATION INGREDIENTS

HAZARDOUS INGREDIENTS	%	EXPOSURE LEVELS	C.A.S. #	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
EPOXY RESIN	60-100%	NOT AVAILABLE	25068-38-6	>20ml/kg (RABBITS) 11.4g/kg (RATS)	NOT AVAILABLE

SECTION 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:
SKIN CONTACT.....CONTAINS MATERIALS THAT CAN CAUSE MODERATE IRRITATION TO THE SKIN
SKIN ABSORPTION SKIN.....REPEATED SKIN CONTACT MAY CAUSE DERMATITIS IN SENSITIVE INDIVIDUALS
ABSORPTION
EYE CONTACT.....SLIGHTLY IRRITATING BUT DOES NOT CAUSE EYE TISSUE DAMAGE
INHALATION.....UNLIKELY, IN CASES WHERE MATERIAL MAY BECOME AIRBORNE, IRRITATION MAY OCCUR
INHALATION, CHRONIC.....NOT APPLICABLE
INGESTION.....SEE LD50 AND LC50
EFFECTS OF ACUTE EXPOSURE.....REFER TO ROUTE OF ENTRY
EFFECTS OF CHRONIC EXPOSURE.....REPEATED CONTACT WITH THE SKIN MAY CAUSE DERMATITIS IN SENSITIVE INDIVIDUALS

SECTION 04: FIRST AID MEASURES

EYE CONTACT.....IMMEDIATELY FLUSH WITH WATER FOR A MINIMUM OF 20 MINUTES. GET MEDICAL ATTENTION.
INGESTION INGESTION INGESTION.....DILUTE WITH LARGE QUANTITIES OF WATER OR MILK. DO NOT INDUCE VOMITING, ASPIRATION HAZARD. GET IMMEDIATE MEDICAL ATTENTION.
INGESTION
INHALATION.....IF OVEREXPOSURE OCCURS, REMOVE TO FRESH AIR.
SKIN CONTACT.....REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WITH WATER AND SOAP. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS OR PERSISTS.

SECTION 05: FIRE FIGHTING MEASURES

FLAMMABILITY.....NOT FLAMMABLE
IF YES, UNDER WHICH CONDITIONS?
FLASH POINT (C), METHOD.....205 C
AUTO IGNITION TEMPERATURE.....NOT AVAILABLE
UPPER FLAMMABLE LIMIT (% VOL).....NOT AVAILABLE
LOWER FLAMMABLE LIMIT (% VOL).....NOT AVAILABLE
EXTINGUISHING MEDIA.....CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER SPRAY
HAZARDOUS COMBUSTION PRODUCTS.....COMBUSTION WILL RESULT IN THE USUAL DECOMPOSITION PRODUCTS, INCLUDING OXIDES OF CARBON.
SENSITIVITY TO STATIC.....NOT AVAILABLE
DISCHARGE
SPECIAL PROCEDURES.....FIREFIGHTERS SHOULD WEAR THE USUAL PROTECTIVE GEAR; SELF-CONTAINED BREATHING APPARATUS

SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL.....DIKE AREA TO PREVENT SPREADING, ABSORB WITH INERT MATERIAL. PUT IN APPROPRIATE CONTAINER. CLEAN WITH WATER. ABSORB WITH INERT MATERIAL. PUT IN APPROPRIATE CONTAINER. CLEAN WITH WATER.

SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES AND.....AVOID SKIN AND EYE CONTACT. MAINTAIN A GOOD PERSONAL HYGIENE. USE ADEQUATE EQUIPMENT VENTILATION.

PRODUCT : XR5 1445

SECTION 07: HANDLING AND STORAGE

STORAGE NEEDS.....IDEAL STORAGE TEMPERATURE IS 15-26.7 C (60-80 F). STORE IN A DRY AND WELL-VENTILATED AREA.

SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

IMPERVIOUS GLOVES

GLOVES/ TYPE.....A BARRIER CREAM. WEAR PROTECTIVE GLOVES

RESPIRATORY/TYPE.....AVOID BREATHING VAPOURS

EYE/TYPE.....SAFETY GLASSES WITH SIDE-SHIELDS

FOOTWEAR/TYPE.....NOT APPLICABLE

CLOTHING/TYPE.....WEAR ADEQUATE PROTECTIVE CLOTHES.

OTHER/TYPE.....EYE WASH FACILITY SHOULD BE CLOSE IN PROXIMITY.

VENTILATION REQUIREMENTS.....LOCAL EXHAUST AT POINTS OF EMISSION. AVOID BREATHING VAPORS AND MISTS; IF GENERAL VENTILATION OR LOCAL EXHAUST IS INADEQUATE, PERSONS EXPOSED TO MISTS SHOULD WEAR APPROVED BREATHING DEVICES.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE.....VISCIOUS LIQUID

ODOR.....LITTLE OR NO ODOR

ODOR THRESHOLD (ppm).....NOT AVAILABLE

SPECIFIC GRAVITY.....1.1-1.2

VAPOR PRESSURE (mm Hg).....NOT APPLICABLE

VAPOUR DENSITY (AIR=1).....NOT APPLICABLE

EVAPORATION RATE.....NOT AVAILABLE

BOILING POINT (deg C).....NOT APPLICABLE

pH.....NOT APPLICABLE

SOLUBILITY IN WATER (% W/W).....NEGLECTIBLE

COEFFICIENT OF WATER/OIL.....NOT APPLICABLE

DISTRIBUTION

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY

YES.....YES

NO, WHICH CONDITIONS ?

COMPATIBILITY WITH OTHER SUBSTANCES

YES

NO, WHICH ONES?.....SEE REACTIVITY CONDITIONS

REACTIVITY CONDITIONS ?.....EXPOSURE TO HIGH HEAT. IN THE PRESENCE OF OXIDIZING MATERIALS. REACTION WITH CURING AGENTS IS EXOTHERMIC; SMOKE OR TOXIC FUMES MAY BE EVOLVED IF HEAT OF REACTION BECOMES EXCESSIVE DUE TO HIGH CURING TEMPERATURE OR CURING OF LARGE MASSES OF MATERIAL. REACTS WITH ACIDS TO PRODUCE HEAT.

HAZARDOUS PRODUCTS OF DECOMPOSITION.....SEE HAZARDOUS COMBUSTION PRODUCTS.

SECTION 11: TOXICOLOGICAL INFORMATION

IRRITANCY OF MATERIAL.....REFER TO ROUTE OF ENTRY

SENSITIZING CAPABILITY OF.....SEE EFFECTS OF ACUTE EXPOSURE.

MATERIAL

CARCINOGENICITY OF MATERIAL.....NEGATIVE

TERATOGENICITY.....NEGATIVE

MUTAGENICITY.....NEGATIVE

REPRODUCTIVE EFFECTS.....NEGATIVE

SYNERGISTIC MATERIALS.....NOT AVAILABLE.

SECTION 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL BIODEGRADABILITY

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL.....IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

T.D.G. CLASSIFICATION.....NOT REGULATED

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION.....D2B

PRODUCT : XR5 1445

SECTION 16: OTHER INFORMATION

N.AP.-NOT APPLICABLE

N.AV.-NOT AVAILABLE

LAB TEL. #:.....(905) 673-0510

PREPARATION DATE.....MAR 15/2005