

SAFETY DATA SHEET - STICK IT PRO - PART A - RESIN

THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS BELIEVED TO BE ACCURATE ON THE DATE OF ISSUE AND IN ACCORDANCE WITH THE INFORMATION AVAILABLE TO US. PERSONS DEALING WITH PRODUCTS REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET DO SO AT THEIR OWN RISK. WE ACCEPT NO LIABILITY WHATSOEVER FOR DAMAGE OR INJURY HOWEVER CAUSED ARISING FROM USE OF THIS INFORMATION OR OF SUGGESTIONS CONTAINED HEREIN.

1 - IDENTIFICATION

PRODUCT NAME: STICK IT PRO PART A - RESIN
OTHER NAMES: NOT APPLICABLE
PRODUCT CODE: SP
PRODUCT TYPE: EPOXY RESIN
MAJOR INGREDIENTS: BISPHENOL F
PRODUCT USE: RESIN COMPONENT OF A TWO PART EPOXY ADHESIVE
COMPANY DETAILS: SHALEX INDUSTRIES PTY LTD (ABN 81 168 216 064)
ADDRESS: PO BOX 660 ARUNDEL DC QLD 4214
TELEPHONE: 1300 720 535
EMERGENCY TELEPHONE: 1300 720 535
OTHER INFORMATION: USERS SHOULD VERIFY CURRENCY OF THIS DATA SHEET IF MORE THAN 5 YEARS OLD.

2 - HAZARD(S) IDENTIFICATION

HAZARDOUS NATURE: CLASSIFIED AS HAZARDOUS UNDER GHS FOR AUSTRALIA CRITERIA
HAZARDOUS CLASSIFICATION: SKIN CORROSION/IRRITATION: 2; SERIOUS EYE DAMAGE/EYE IRRITATION: 2B; SKIN SENSITISER: 1; SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (RESPIRATORY TRACT IRRITATION): 3; SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE (CENTRAL NERVOUS SYSTEM (CNS), SKIN): 1; ACUTE AQUATIC HAZARD: 2; CHRONIC AQUATIC HAZARD: 2
HAZARDOUS STATEMENT: DANGER
GHS PICTOGRAMS:



CHRONIC HEALTH HAZARD



HEALTH HAZARDS



ENVIRONMENTAL

HAZARD STATEMENTS:

H315: CAUSES SKIN IRRITATION
H317: MAY CAUSE AN ALLERGIC SKIN REACTION
H319: CAUSES SERIOUS EYE IRRITATION
H320: CAUSES EYE IRRITATION
H335: MAY CAUSE RESPIRATORY IRRITATION
H372: CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE: (CENTRAL NERVOUS SYSTEM (CNS), SKIN)
H411: TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

PRECAUTIONARY STATEMENTS:

PREVENTION:

P261: AVOID BREATHING MIST / VAPOURS / SPRAY
P264: WASH HANDS THOROUGHLY AFTER HANDLING
P270: DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT
P271: USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA
P272: CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE
P273: AVOID RELEASES TO THE ENVIRONMENT
P280: WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION

RESPONSE:

P312: CALL A POISON CENTRE OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL
P302+P352: IF ON SKIN: WASH WITH PLENTY OF SOAP AND 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
P362: TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE
P333+P313 IF SKIN IRRITATION OR RASH OCCURS, GET MEDICAL ADVICE/ATTENTION

STORAGE:

P405: STORE LOCKED UP

DISPOSAL:

P501: DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL REGULATIONS

DANGEROUS GOODS CLASSIFICATION:

9

POISONS SCHEDULE:

S5

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3 - COMPOSITION AND INFORMATION ON INGREDIENTS

CHEMICAL INGREDIENTS:	NAME	CAS No.	PROPORTION
	BISPHENOL F/EPICHLOROHYDRIN COPOLYMER	9003-36-5	>40%
	OCTADECENOIC ACID	74398-71-3	<60%

4 - FIRST AID MEASURES

FOR ADVICE, CONTACT POISONS INFORMATION CENTRE (AUSTRALIA PH.: 13 11 26) OR A DOCTOR.

INHALATION:	REMOVE THE SOURCE OF CONTAMINATION OR MOVE THE VICTIM TO FRESH AIR. IF RAPID RECOVERY DOES NOT OCCUR. APPLY ARTIFICIAL RESPIRATION IF NOT BREATHING. SEEK MEDICAL ATTENTION.
SKIN CONTACT:	IF SKIN AND/OR HAIR CONTACT OCCURS, REMOVE CONTAMINATED CLOTHING AND FLUSH SKIN AND/OR HAIR WITH RUNNING WATER FOR AT LEAST 10 MINUTES. ENSURE CONTAMINATED CLOTHING IS WASHED BEFORE RE-USE OR DISCARD. SEEK MEDICAL ATTENTION.
EYE CONTACT:	IF CONTACT WITH THE EYE(S) OCCUR, WASH WITH RUNNING WATER FOR AT LEAST 10 MINUTES HOLDING EYELIDS(S) OPEN. TAKE CARE NOT TO RINSE CONTAMINATED WATER INTO THE NON-AFFECTED EYE. IN ALL CASES OF EYE CONTAMINATION IT IS A SENSIBLE PRECAUTION TO SEEK MEDICAL ADVICE.
INGESTION:	IF SWALLOWED DO NOT INDUCE VOMITING. WASH OUT MOUTH WITH WATER. SEEK MEDICAL ATTENTION.
FIRST AID FACILITIES:	PROVIDE EYE BATHS AND SAFETY SHOWERS.
MEDICAL ATTENTION:	TREAT SYMPTOMATICALLY.

5 - FIRE FIGHTING MEASURES

SHUT OFF PRODUCT THAT MAY "FUEL" A FIRE IF SAFE TO DO SO. ALLOW TRAINED PERSONNEL TO ATTEND A FIRE IN PROGRESS, PROVIDING FIREFIGHTERS WITH THE SAFETY DATA SHEET. PREVENT EXTINGUISHING MEDIA FROM ESCAPING TO DRAINS AND WATERWAYS.

HAZCHEM CODE:	N/A
EXTINGUISHING AGENTS:	FOAM, DRY CHEMICAL POWDER, BCF (WHERE REGULATIONS PERMIT) OR CARBON DIOXIDE.
HAZARDS FROM COMBUSTION:	OXIDISING AGENTS SUCH AS NITRATES, POOL CHLORINE, CHLORINE BLEACHES, OXIDISING ACIDS ETC.
PRECAUTIONS:	FIRE-FIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.

6 - ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES:	PREVENT FLUID FROM ESCAPING TO DRAINS AND WATERWAYS. CONTAIN LEAKING PACKAGING IN A CONTAINMENT DRUM. PREVENT VAPOURS FROM BUILDING UP IN CONFINED AREAS. ENSURE THAT DRAIN VALVES ARE CLOSED AT ALL TIMES. CLEAN UP AND REPORT SPILLS IMMEDIATELY.
MINOR SPILL:	CONTAIN SPILLAGE AND ELIMINATE SOURCES OF COMBUSTION. AVOID CONTACT WITH SKIN, EYES AND AVOID BREATHING ANY VAPOURS. USE PROTECTIVE EQUIPMENT/CLOTHING WHEN HANDLING ANY SPILLAGE. USE SAND OR SOIL TO ASSIST WITH SPILLAGE.
MAJOR SPILL:	CONTAIN SPILLAGE AND ELIMINATE SOURCES OF COMBUSTION. ALERT FIRE BRIGADE. PREVENT LIQUID FROM ENTERING SEWERS, WATERCOURSES OR LOW LYING AREAS. KEEP PERSONS AWAY FROM THE AREA WHERE POSSIBLE. ADVISE AUTHORITIES IF SUBSTANCE HAS ENTERED A WATERCOURSE OR SEWER OR HAS CONTAMINATED SOIL OR VEGETATION. TAKE MEASURES TO MINIMISE THE EFFECT ON GROUND WATER. CONTAIN THE SPILL WITH SAND OR EARTH. RECOVER BY PUMPING USING AN EXPLOSION PROOF PUMP OR HAND PUMP, OR WITH A SUITABLE MATERIAL. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO LOCAL DISPOSAL REGULATIONS. SEE "FIRST AID MEASURES" AND "STABILITY AND REACTIVITY".

7 - HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	USE ONLY IN A WELL VENTILATED AREA. AVOID BREATHING OF OR CONTACT WITH MATERIAL. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. IF CONTACT OCCURS, WASH THOROUGHLY. HANDLE OPEN CONTAINERS IN WELL VENTILATED AREA. ENSURE THAT THE WORKPLACE IS VENTILATED SUCH THAT THE OCCUPATIONAL EXPOSURE LIMIT IS NOT EXCEEDED. DO NOT EMPTY INTO DRAINS OR WATERWAYS. DO NOT EAT, DRINK OR SMOKE IN CONTAMINATED AREAS. BEFORE EATING, DRINKING OR SMOKING, REMOVE CONTAMINATED CLOTHING AND WASH HANDS.
CONDITIONS FOR SAFE STORAGE:	STORE IN A COOL, DRY WELL-VENTILATED AREA AWAY FROM SOURCES OF IGNITION, OXIDISING AGENTS. DO NOT STORE NEAR STRONG OXIDANTS. AVOID USE OF COPPER, ALUMINIUM AND BRASS ALLOYS CONTAINERS.
INCOMPATIBLE MATERIALS:	OXIDISING AGENTS SUCH AS NITRATES, POOL CHLORINE, CHLORINE BLEACHES, OXIDISING ACIDS ETC. HYDRIDES, SULFIDES, ALKALI METALS AND NITRIDES

8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROLS:	PROVIDE SUFFICIENT VENTILATION TO KEEP AIRBORNE LEVELS BELOW THE EXPOSURE LIMIT. WHERE VAPOURS OR MISTS ARE GENERATED, PARTICULARLY IN ENCLOSED AREAS, AND NATURAL VENTILATION IS INADEQUATE, A FLAMEPROOF EXHAUST VENTILATION SYSTEM IS REQUIRED.
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8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION (CONTINUED)

PERSONAL PROTECTION

RESPIRATORY PROTECTION:	IF ENGINEERING CONTROLS ARE NOT EFFECTIVE IN CONTROLLING AIRBORNE EXPOSURE THEN RESPIRATORY PROTECTIVE EQUIPMENT SHOULD BE USED FOR PROTECTING AGAINST AIRBORNE CONTAMINANTS. FINAL CHOICE OF APPROPRIATE BREATHING PROTECTION IS DEPENDENT UPON ACTUAL AIRBORNE CONCENTRATIONS AND THE TYPE OF BREATHING EQUIPMENT REQUIRED WILL VARY ACCORDING TO INDIVIDUAL CIRCUMSTANCES. EXPERT ADVICE MAY BE REQUIRED TO MAKE THIS DECISION.
EYE PROTECTION:	SAFETY GLASSES WITH SIDE SHIELDS OR FACE SHIELD AS APPROPRIATE RECOMMENDED. FINAL CHOICE OF APPROPRIATE EYE/FACE PROTECTION WILL VARY ACCORDING TO INDIVIDUAL CIRCUMSTANCES I.E. METHODS OF HANDLING OR ENGINEERING CONTROLS AND ACCORDING TO RISK ASSESSMENTS UNDERTAKEN.
HAND PROTECTION:	IMPERVIOUS GLOVES RECOMMENDED. FINAL CHOICE OF APPROPRIATE GLOVES WILL VARY ACCORDING TO INDIVIDUAL CIRCUMSTANCES I.E.. METHODS OF HANDLING OR ACCORDING TO RISK ASSESSMENTS UNDERTAKEN.
BODY PROTECTION:	WEAR APPROPRIATE CLOTHING INCLUDING CHEMICAL RESISTANT APRON WHERE CLOTHING IS LIKELY TO BE CONTAMINATED. IT IS ADVISABLE THAT A LOCAL SUPPLIER FOR PERSONAL PROTECTIVE CLOTHING IS CONSULTED REGARDING THE CHOICE OF MATERIAL.

9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	DARK YELLOWISH COLOURED LIQUID
ODOUR:	SLIGHT ODOUR
RELATIVE DENSITY (WATER = 1):	1.18 @ 25C
PH VALUE:	7
VISCOSITY:	NOT AVAILABLE
FLASH POINT:	>175 °C
BOILING POINT / RANGE:	>190 °C
SOLUBILITY IN WATER:	NOT AVAILABLE
VOLATILE COMPONENT:	NOT AVAILABLE
AUTO IGNITION TEMP. (°C):	300
EXPLOSIVE LIMITS (LEL - UEL):	NOT AVAILABLE

10 - STABILITY AND REACTIVITY

STABILITY:	STABLE AT ROOM TEMPERATURE AND PRESSURE.
CONDITIONS TO AVOID:	INCOMPATIBLE MATERIALS - SEE SECTIONS 5 & 7
HAZARDOUS DECOMPOSITION PRODUCTS:	UNDER NORMAL CONDITIONS THERE SHOULD BE NO HAZARDOUS DECOMPOSITION PRODUCTS PRODUCED
HAZARDOUS REACTIONS:	MIXING WITH STRONG OXIDISING AGENTS CAUSES REACTIONS. SEE SECTION 7
HAZARDOUS POLYMERISATION:	WILL NOT OCCUR

11 - TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

INHALATION:	INHALATION OF PRODUCT VAPOURS WILL CAUSE IRRITATION TO THE NOSE, THROAT AND RESPIRATORY SYSTEM.
INGESTION:	LITTLE CHANGE OR ABSORPTION IS EXPECTED WHEN PASSING THROUGH THE GASTROINTESTINAL TRACT IN A SINGLE ACUTE EXPOSURE. VOMITING, PAIN, IRRITATION OF THE ABDOMEN AND/OR NAUSIA MAY RESULT THROUGH INGESTION. DISCOMFORT MAY BE EXPERIENCED IF A BEZOAR IS CREATED IN THE ALIMENTARY CANAL. MAY BE POISONOUS TO LIVER AND KIDNEY IF SUFFICIENTLY HIGH DOSES ARE INGESTED.
SKIN:	DO NOT ALLOW CONTACT WITH OPEN CUTS, ABRASIONS OR IRRITATED SKIN ELSE SYSTEMIC INJURY WITH HARMFUL AFFECTS MAY OCCUR IF ENTRY OF THE BLOOD STREAM. MODERATE INFLAMMATION MAY BE EXPERIENCED IF CONTACT TO SKIN OCCURS AND REPEATED EXPOSURE COULD RESULT IN DERMATITIS.
EYE:	MAY CAUSE IRRITATION IF CONTACT WITH EYES. SYMPTOMS MAY INCLUDE REDNESS, EXCESSIVE TEARING, STINGING, SWELLING. IF IN CONTACT FOR MORE THAT 24 HOURS EYE DAMAGE MAY OCCUR.
CHRONIC EFFECTS:	REPEATED OR PROLONGED EXPOSURE TO THIS PRODUCT CAN RESULT IN ACUTE EFFECTS BEING FELT WITH GREATER FREQUENCY AND SEVERITY. EFFECTS OF EXPOSURE MAY INCREASE IN INTENSITY WITH SUBSEQUENT USE. SERIOUS DAMAGE AND/OR SEVERE DEFECTS COULD OCCUR IF EXPOSED TO THIS MATERIAL FOR A PROLONGED DURATION OF TIME. MAY DAMAGE FOETUS WHEN ADMINISTERED TO PREGNANT WOMAN AND DAMAGE MALE REPRODUCTIVE ORGANS AND SPERM.
TOXICITY DATA:	ORAL LD ₅₀ (RAT): >3000 MG/KG DERMAL LD ₅₀ (RAT): >1500 MG/KG
IRRITATION DATA:	NOT AVAILABLE

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12 - ECOLOGICAL INFORMATION

ECOTOXICITY

AQUATIC TOXICITY

FISH TOXICITY: LC₅₀ (96HR): 0.55 MG/L*

ALGAE OR OTHER AQUATIC PLANTS: EC₅₀ (72HR): >1.8MG/L*

CRUSTACES: EC₅₀ (48HR): >1.6MG/L*

PERSISTENCE / DEGRADABILITY: NO DATA AVAILABLE

MOBILITY: NO DATA AVAILABLE

*SOURCE: EUROPE ECHA REGISTERED SUBSTANCES

13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:

FOR SMALL QUANTITIES:

DO NOT POUR LEFTOVER PRODUCT DOWN THE DRAIN OR IN WATERWAYS. UNWANTED PRODUCT SHOULD BE BRUSHED OUT ON NEWSPAPER, OR Poured INTO SAND OR SOIL AND ALLOWED TO DRY AND THEN DISPOSED OF VIA DOMESTIC WASTE COLLECTION ONCE DRY. EMPTY CONTAINERS SHOULD BE LEFT OPEN IN A WELL VENTILATED AREA TO DRY OUT. WHEN DRY RECYCLE THE CONTAINER VIA LOCAL RECYCLING PROGRAMS WHERE AVAILABLE. DISPOSAL OF EMPTY CONTAINERS VIA DOMESTIC RECYCLING PROGRAMS MAY DIFFER BETWEEN LOCAL AUTHORITIES. CHECK WITH YOUR LOCAL AUTHORITY FIRST.

FOR LARGE QUANTITIES:

REFER TO WASTE MANAGEMENT AUTHORITY. DISPOSE OF MATERIAL THROUGH A LICENSED WASTE CONTRACTOR. NORMALLY SUITABLE FOR DISPOSAL AT APPROVED LAND WASTE SITE.

14 - TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT:

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS (ADG)

MARINE TRANSPORT:

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS (IMDG-CODE / GGVSee)

AIR TRANSPORT:

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS (ICAO-IATA / DGR)

PLACARDS/LABELS REQUIRED:



15 - REGULATORY INFORMATION

COUNTRY / REGION:

AUSTRALIA

INVENTORY:

AICS

STATUS:

LISTED

16 - OTHER INFORMATION

END OF 'PART A' SAFETY DATA SHEET - (PART B FOLLOWS NEXT PAGE)

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. SHALEX INDUSTRIES CANNOT ANTICIPATE OR CONTROL THE CONDITIONS UNDER WHICH THE PRODUCT MAY BE USED, THEREFORE EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE USER INTENDS TO HANDLE AND USE THE PRODUCT IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY.

OUR RESPONSIBILITY FOR PRODUCT AS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE UPON REQUEST. SAFETY DATA SHEETS ARE UPDATED FREQUENTLY. PLEASE ENSURE THAT YOU HAVE A CURRENT COPY.

SAFETY DATA SHEET-STICK IT PRO-PART B-HARDENER

THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS BELIEVED TO BE ACCURATE ON THE DATE OF ISSUE AND IN ACCORDANCE WITH THE INFORMATION AVAILABLE TO US. PERSONS DEALING WITH PRODUCTS REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET DO SO AT THEIR OWN RISK. WE ACCEPT NO LIABILITY WHATSOEVER FOR DAMAGE OR INJURY HOWEVER CAUSED ARISING FROM USE OF THIS INFORMATION OR OF

1 - IDENTIFICATION

PRODUCT NAME: STICKIt PRO PART B - HARDENER
OTHER NAMES: NOT APPLICABLE
PRODUCT CODE: SP
PRODUCT TYPE: EPOXY HARDENER
MAJOR INGREDIENTS: POLYGLUCOL-EPOXY RESIN ADDUCT
PRODUCT USE: CURING AGENT COMPONENT OF A TWO PART EPOXY ADHESIVE
COMPANY DETAILS: SHALEX INDUSTRIES PTY LTD (ABN 81 168 216 064)
ADDRESS: PO BOX 660 ARUNDEL DC QLD 4214
TELEPHONE: 1300 720 535
EMERGENCY TELEPHONE: 1300 720 535

2 - HAZARD(S) IDENTIFICATION

HAZARDOUS NATURE: CLASSIFIED AS HAZARDOUS UNDER THE WHS REGULATIONS AND THE ADG CODE.
HAZARDOUS CLASSIFICATION: ACUTE TOXICITY (ORAL): 4; SKIN CORROSION/IRRITATION: 2; SERIOUS EYE DAMAGE: 1; SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (RESPIRATORY TRACT IRRITATION): 3; ACUTE AQUATIC HAZARD: 3; CHRONIC AQUATIC HAZARD: 3
HAZARDOUS STATEMENT: DANGER
GHS PICTOGRAMS:



HEALTH HAZARDS

HAZARD STATEMENTS:

H302: HARMFUL IF SWALLOWED
H315: CAUSES SKIN IRRITATION
H318: CAUSES SERIOUS EYE DAMAGE
H335: MAY CAUSE RESPIRATORY IRRITATION
H412: HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS

PRECAUTIONARY STATEMENTS:

PREVENTION:

P270: DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT
P271: USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA
P280: WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION
P281: AVOID BREATHING MIST/VAPOURS/SPRAY

RESPONSE:

P301+P312: IF SWALLOWED, CALL A POISON CENTRE OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL
P305+P351+P338: IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING
P310: IMMEDIATELY CALL A POISON CENTRE OR DOCTOR/PHYSICIAN
P362: TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE

STORAGE:

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

DISPOSAL:

P501: DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL REGULATIONS

DA
DANGEROUS GOODS CLASSIFICATION:

NOT APPLICABLE

POISONS SCHEDULE:

S5

SAFETY DATA SHEET-STICK IT PRO-PART B-HARDENER

3 - COMPOSITION AND INFORMATION ON INGREDIENTS

CHEMICAL INGREDIENTS:	NAME	CAS No.	PROPORTION
	POLYAMINE/POLYGLOCOL-EPOXY RESIN ADUCT		<65%
	OTHER		>35%

4 - FIRST AID MEASURES

FOR ADVICE, CONTACT POISONS INFORMATION CENTRE (AUSTRALIA PH.: 13 11 26) OR A DOCTOR.

INHALATION:	REMOVE THE SOURCE OF CONTAMINATION OR MOVE THE VICTIM TO FRESH AIR. IF RAPID RECOVERY DOES NOT OCCUR. APPLY ARTIFICIAL RESPIRATION IF NOT BREATHING. SEEK MEDICAL ATTENTION.
SKIN CONTACT:	IF SKIN AND/OR HAIR CONTACT OCCURS, REMOVE CONTAMINATED CLOTHING AND FLUSH SKIN AND/OR HAIR WITH RUNNING WATER FOR AT LEAST 10 MINUTES. ENSURE CONTAMINATED CLOTHING IS WASHED BEFORE RE-USE OR DISCARD. SEEK MEDICAL ATTENTION.
EYE CONTACT:	IF CONTACT WITH THE EYE(S) OCCUR, WASH WITH RUNNING WATER FOR AT LEAST 10 MINUTES HOLDING EYELIDS(S) OPEN. TAKE CARE NOT TO RINSE CONTAMINATED WATER INTO THE NON-AFFECTED EYE. IN ALL CASES OF EYE CONTAMINATION SEEK MEDICAL ADVICE. DO NOT REMOVE CONTACT LENSES UNLESS A SKILLED PERSON SUCH AS A DOCTOR OR PARAMEDIC IS PRESENT. KEEP EYELIDS OPEN AND AWAY FROM EYE, MOVING EYELIDS PERIODICALLY AND LIFTING THE LOWER AND UPPER LIDS.
INGESTION:	WASH OUT MOUTH WITH WATER. SEEK MEDICAL ATTENTION. ONLY INDUCE VOMITING IF THE PATIENT IS CONSCIOUS AND MORE THAN 15 MINUTES AWAY FROM PROFESSIONAL MEDICAL ATTENTION OR A HOSPITAL UNLESS INSTRUCTED OTHERWISE. GASTRIC LAVAGE SHOULD NOT BE USED. MILK AND WATER ARE THE PREFERRED DILUENTS, BUT NO MORE THAN 2 GLASSES OF WATER SHOULD BE GIVEN TO AN ADULT.
FIRST AID FACILITIES:	PROVIDE EYE BATHS AND SAFETY SHOWERS.
MEDICAL ATTENTION:	TREAT SYMPTOMATICALLY.

5 - FIRE FIGHTING MEASURES

SHUT OFF PRODUCT THAT MAY "FUEL" A FIRE IF SAFE TO DO SO. ALLOW TRAINED PERSONNEL TO ATTEND A FIRE IN PROGRESS, PROVIDING FIREFIGHTERS WITH THE SAFETY DATA SHEET. PREVENT EXTINGUISHING MEDIA FROM ESCAPING TO DRAINS AND WATERWAYS.

HAZCHEM CODE:	N/A
EXTINGUISHING AGENTS:	FOAM, DRY CHEMICAL POWDER, WATER SPRAY OR FOG, BCF (WHERE REGULATIONS PERMIT).
HAZARDS FROM COMBUSTION:	OXIDISING AGENTS SUCH AS NITRATES, POOL CHLORINE, CHLORINE BLEACHES, OXIDISING ACIDS ETC.
PRECAUTIONS:	FIRE-FIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.

6 - ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES:	PREVENT FLUID FROM ESCAPING TO DRAINS AND WATERWAYS. CONTAIN LEAKING PACKAGING IN A CONTAINMENT DRUM. PREVENT VAPOURS FROM BUILDING UP IN CONFINED AREAS. ENSURE THAT DRAIN VALVES ARE CLOSED AT ALL TIMES. CLEAN UP AND REPORT SPILLS IMMEDIATELY.
MINOR SPILL:	CONTAIN SPILLAGE AND ELIMINATE SOURCES OF COMBUSTION. AVOID CONTACT WITH SKIN, EYES AND AVOID BREATHING ANY VAPOURS. USE PROTECTIVE EQUIPMENT/CLOTHING WHEN HANDLING ANY SPILLAGE. USE SAND OR SOIL TO ASSIST WITH SPILLAGE.
MAJOR SPILL:	CONTAIN SPILLAGE AND ELIMINATE SOURCES OF COMBUSTION. ALERT FIRE BRIGADE. PREVENT LIQUID FROM ENTERING SEWERS, WATERCOURSES OR LOW LYING AREAS. KEEP PERSONS AWAY FROM THE AREA WHERE POSSIBLE. ADVISE AUTHORITIES IF SUBSTANCE HAS ENTERED A WATERCOURSE OR SEWER OR HAS CONTAMINATED SOIL OR VEGETATION. TAKE MEASURES TO MINIMISE THE EFFECT ON GROUND WATER. CONTAIN THE SPILL WITH SAND OR EARTH. RECOVER BY PUMPING USING AN EXPLOSION PROOF PUMP OR HAND PUMP, OR WITH A SUITABLE MATERIAL. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO LOCAL DISPOSAL REGULATIONS. SEE "FIRST AID MEASURES" AND "STABILITY AND REACTIVITY".

7 - HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	USE ONLY IN A WELL VENTILATED AREA. AVOID BREATHING OF OR CONTACT WITH MATERIAL. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. IF CONTACT OCCURS, WASH THOROUGHLY. HANDLE OPEN CONTAINERS IN WELL VENTILATED AREA. ENSURE THAT THE WORKPLACE IS VENTILATED SUCH THAT THE OCCUPATIONAL EXPOSURE LIMIT IS NOT EXCEEDED. DO NOT EMPTY INTO DRAINS OR WATERWAYS. DO NOT EAT, DRINK OR SMOKE IN CONTAMINATED AREAS. BEFORE EATING, DRINKING OR SMOKING, REMOVE CONTAMINATED CLOTHING AND WASH HANDS.
CONDITIONS FOR SAFE STORAGE:	STORE IN ORIGINAL CONTAINER IN A COOL, DRY WELL-VENTILATED AREA AWAY FROM SOURCES OF IGNITION, OXIDISING AGENTS. DO NOT STORE NEAR STRONG OXIDANTS. AVOID USE OF COPPER, ALUMINIUM, GALVANISED, TIN PLATED OR BRASS CONTAINERS. CONTAINER SHOULD BE CLEARLY LABELLED AND FREE FROM ANY LEAKS.
INCOMPATIBLE MATERIALS:	OXIDISING AGENTS SUCH AS NITRATES, POOL CHLORINE, CHLORINE BLEACHES, OXIDISING ACIDS ETC. HYDRIDES, SULFIDES, ALKALI METALS AND NITRIDES

SAFETY DATA SHEET-STICK IT PRO-PART B-HARDENER

8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROLS:	PROVIDE SUFFICIENT VENTILATION TO KEEP AIRBORNE LEVELS BELOW THE EXPOSURE LIMIT. WHERE VAPOURS OR MISTS ARE GENERATED, PARTICULARLY IN ENCLOSED AREAS, AND NATURAL VENTILATION IS INADEQUATE, A FLAMEPROOF EXHAUST VENTILATION SYSTEM IS REQUIRED.
<u>PERSONAL PROTECTION</u>	
RESPIRATORY PROTECTION:	IF ENGINEERING CONTROLS ARE NOT EFFECTIVE IN CONTROLLING AIRBORNE EXPOSURE THEN RESPIRATORY PROTECTIVE EQUIPMENT SHOULD BE USED FOR PROTECTING AGAINST AIRBORNE CONTAMINANTS. FINAL CHOICE OF APPROPRIATE BREATHING PROTECTION IS DEPENDENT UPON ACTUAL AIRBORNE CONCENTRATIONS AND THE TYPE OF BREATHING EQUIPMENT REQUIRED WILL VARY ACCORDING TO INDIVIDUAL CIRCUMSTANCES. EXPERT ADVICE MAY BE REQUIRED TO MAKE THIS DECISION.
EYE PROTECTION:	SAFETY GLASSES WITH SIDE SHIELDS OR FACE SHIELD AS APPROPRIATE RECOMMENDED. FINAL CHOICE OF APPROPRIATE EYE/FACE PROTECTION WILL VARY ACCORDING TO INDIVIDUAL CIRCUMSTANCES I.E. METHODS OF HANDLING OR ENGINEERING CONTROLS AND ACCORDING TO RISK ASSESSMENTS UNDERTAKEN. CONTACT LENSES MAY ABSORB AND INCREASE IRRITATION.
HAND PROTECTION:	IMPERVIOUS GLOVES RECOMMENDED. FINAL CHOICE OF APPROPRIATE GLOVES WILL VARY ACCORDING TO INDIVIDUAL CIRCUMSTANCES I.E.. METHODS OF HANDLING OR ACCORDING TO RISK ASSESSMENTS UNDERTAKEN.
BODY PROTECTION:	WEAR APPROPRIATE CLOTHING INCLUDING CHEMICAL RESISTANT APRON OR OVERALLS WHERE CLOTHING IS LIKELY TO BE CONTAMINATED. IT IS ADVISABLE THAT A LOCAL SUPPLIER FOR PERSONAL PROTECTIVE CLOTHING IS CONSULTED REGARDING THE CHOICE OF MATERIAL.

9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	LIGHT YELLOWISH COLOURED LIQUID
ODOUR:	SLIGHT ODOUR
RELATIVE DENSITY (WATER = 1):	1.060 @ 25C
pH VALUE:	NOT AVAILABLE
VISCOSITY:	18000@25C
FLASH POINT:	NOT AVAILABLE
BOILING POINT / RANGE:	100 °C
SOLUBILITY IN WATER:	MISCIBLE
VOLATILE COMPONENT:	NOT AVAILABLE
AUTO IGNITION TEMP. (°C):	NOT AVAILABLE
EXPLOSIVE LIMITS (LEL - UEL):	NOT AVAILABLE

10 - STABILITY AND REACTIVITY

STABILITY:	STABLE AT ROOM TEMPERATURE AND PRESSURE.
CONDITIONS TO AVOID:	INCOMPATIBLE MATERIALS - SEE SECTIONS 5 & 7
HAZARDOUS DECOMPOSITION PRODUCTS:	UNDER NORMAL CONDITIONS THERE SHOULD BE NO HAZARDOUS DECOMPOSITION PRODUCTS PRODUCED
HAZARDOUS REACTIONS:	MIXING WITH STRONG OXIDISING AGENTS CAUSES REACTIONS. SEE SECTION 7
HAZARDOUS POLYMERISATION:	WILL NOT OCCUR

11 - TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

INHALATION:	INHALATION OF PRODUCT VAPOURS CAN CAUSE IRRITATION TO THE NOSE, THROAT AND RESPIRATORY SYSTEM. LUNG DAMAGE CAN RESULT FROM THE BODYS RESPONSE TO THE IRRITATION. HIGHER TEMPERATURES INCREASES INHALATION HAZARDS.
INGESTION:	MAY BE FATAL OR CAUSE SERIOUS DAMAGE TO HEALTH IF INGESTION OCCURS. RISK OF SERVEE ABDOMINAL PAIN, NAUSEA, VOMITING OR DIARRHOEA. BLOOD OR MUCCUS MAY BE FOUND IN VOMIT.
SKIN:	DO NOT ALLOW CONTACT WITH OPEN CUTS, ABRASIONS OR IRRITATED SKIN ELSE SYSTEMIC INJURY WITH HARMFUL AFFECTS MAY OCCUR IF ENTRY OF THE BLOOD STREAM. INFLAMMATION MAY BE EXPERIENCED IF CONTACT TO SKIN OCCURS AND REPEATED EXPOSURE COULD RESULT IN DERMATITIS.
EYE:	SEVERE EYE DAMAGE WILL BE CAUSED. SYMPTOMS MAY INCLUDE PAIN, REDNESS, EXCESSIVE TEARING, STINGING, SWELLING. IMPAIRMENT TO VISION COULD BE POSSIBLE.
CHRONIC EFFECTS:	REPEATED OR PROLONGED EXPOSURE TO THIS PRODUCT CAN RESULT IN ACUTE EFFECTS BEING FELT WITH GREATER FREQUENCY AND SEVERITY. EFFECTS OF EXPOSURE MAY INCREASE IN INTENSITY WITH SUBSEQUENT USE. SERIOUS DAMAGE AND/OR SEVERE DEFECTS COULD OCCUR IF EXPOSED TO THIS MATERIAL FOR A PROLONGED DURATION OF TIME.
TOXICITY DATA:	NOT AVAILABLE
IRRITATION DATA:	NOT AVAILABLE

SAFETY DATA SHEET-STICK IT PRO-PART B-HARDENER

12 - ECOLOGICAL INFORMATION

ECOTOXICITY	
AQUATIC TOXICITY	HARMFUL TO AQUATIC ORGANISMS. LONG TERM ADVERSE AFFECTS MAY BE CAUSED. DO NOT ALLOW PRODUCT INTO WATERWAYS OR SEWERS.
FISH TOXICITY:	NO DATA AVAILABLE
ALGAE OR OTHER AQUATIC PLANTS:	NO DATA AVAILABLE
CRUSTACES:	NO DATA AVAILABLE
PERSISTENCE / DEGRADABILITY:	NO DATA AVAILABLE

13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	
FOR SMALL QUANTITIES:	DO NOT POUR LEFTOVER PRODUCT DOWN THE DRAIN OR IN WATERWAYS. UNWANTED PRODUCT SHOULD BE BRUSHED OUT ON NEWSPAPER, OR Poured INTO SAND OR SOIL AND ALLOWED TO DRY AND THEN DISPOSED OF VIA DOMESTIC WASTE COLLECTION ONCE DRY. EMPTY CONTAINERS SHOULD BE LEFT OPEN IN A WELL VENTILATED AREA TO DRY OUT. WHEN DRY RECYCLE THE CONTAINER VIA LOCAL RECYCLING PROGRAMS WHERE AVAILABLE. DISPOSAL OF EMPTY CONTAINERS VIA DOMESTIC RECYCLING PROGRAMS MAY DIFFER BETWEEN LOCAL AUTHORITIES. CHECK WITH YOUR LOCAL AUTHORITY FIRST.
FOR LARGE QUANTITIES:	REFER TO WASTE MANAGEMENT AUTHORITY. DISPOSE OF MATERIAL THROUGH A LICENSED WASTE CONTRACTOR. NORMALLY SUITABLE FOR DISPOSAL AT APPROVED LAND WASTE SITE.

14 - TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT:	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS (ADG)
MARINE TRANSPORT:	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS (IMDG-CODE / GGVSee)
AIR TRANSPORT:	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS (ICAO-IATA / DGR)
PLACARDS/LABELS REQUIRED:	NOT APPLICABLE

15 - REGULATORY INFORMATION

COUNTRY / REGION:	AUSTRALIA
INVENTORY:	AICS
STATUS:	LISTED

16 - OTHER INFORMATION

END OF SAFETY DATA SHEET

THIS SDS SUMMARISES AT THE DATE OF ISSUE OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT, AND IN PARTICULAR HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. SHALEX INDUSTRIES CANNOT ANTICIPATE OR CONTROL THE CONDITIONS UNDER WHICH THE PRODUCT MAY BE USED, THEREFORE EACH USER MUST, PRIOR TO USAGE, REVIEW THIS SDS IN THE CONTEXT OF HOW THE USER INTENDS TO HANDLE AND USE THE PRODUCT IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY. OUR RESPONSIBILITY FOR PRODUCT AS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE UPON REQUEST.