

B 101413 Struth & Krube



永豐工業有限公司
ARAH DAGANG SDN. BHD.

(Company Reg. No: 202599-M)

Office/Factory:

No. 10, Jalan Jasmine 3, SEK B810, Bandar Bukit Beruntung,
48310 Rawang, Selangor Darul Ehsan, Malaysia.

Tel: 603-60281863, 60281833, 60281866 Fax: 603-60282863



MATERIAL SAFETY DATA SHEET

SECTION 9: SPECIAL PRECAUTIONS

PRECAUTION TO BE TAKEN IN HANDLING AND STORAGE.

CONTAINERS SHOULD BE GROUNDED/BONDED WHEN POURING.

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE IN COOL AND DRY PLACE. USE ADEQUATE VENTILATION. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE, INCLUDING FLAMMABLE OR EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE OR WELD ON NEAR CONTAINER. ALL LABEL WARNINGS MUST BE OBSERVED UNTIL THE CONTAINER HAS BEEN CLEANED OR RECONDITIONED.

SECTION 10: TRANSPORTATION INFORMATION

HAZARD CLASS: 3

HAZARD LABELS: 3

Weld Fittings



永豐工業有限公司
ARAH DAGANG SDN. BHD.

(Company Reg. No. 202899-M)

Office/Factory:

No. 10, Jalan Jasmine 3, SEK BB10, Bandar Bukit Beruntung,
48300 Rawang, Selangor Darul Ehsan, Malaysia.

Tel: 603-60281863, 60281833, 60281866 Fax: 603-60282863



MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

MANUFACTURER NAME : CHAN SIONG ENTERPRISE
MANUFACTURER ADDRESS : 1 & 3, JALAN U5/21(PS), SEC. U5,
40150 SHAH ALAM, SELANGOR, MALAYSIA.
MFG. TELEPHONE NO. : 603-7847 4299 / 603-7847 4377
TRADE NAME : RUST PREVENTIVE OIL (S222)

SECTION 2: HAZARDOUS INGREDIENTS

| NAME | | CONT | CAS. NO | TWA | STEL | CEILING | LD50 | LC50 |
|-------------------|---|------|------------|-----------|-----------|-----------|-----------|------------|
| COMMON | CHEMICAL | % | | | | | | |
| Acrylic Resin | Trade Product | - | NONHAZ | NOT ESTAB | NOT ESTAB | NOT ESTAB | NOT ESTAB | NOT ESTAB |
| Toluene | C ₆ H ₅ CH ₃ | - | 00108-88-3 | 100 ppm | 150 ppm | NOT ESTAB | 636mg/kg | >26700ppmh |
| Pigment | Trade Product | - | NONHAZ | NOT ESTAB | NOT ESTAB | NOT ESTAB | NOT ESTAB | NOT ESTAB |
| Calcium Carbonate | Trade Product | - | NONHAZ | NOT ESTAB | NOT ESTAB | NOT ESTAB | NOT ESTAB | NOT ESTAB |

SECTION 3: PHYSICAL DATA

APPEARANCE : LIQUID
COLOR : VARIABLE
SPECIFIC GRAVITY : 1.5±0.1
ODOR : SPECIAL ODOR
BOILING POINT : 110.6 C(Toluene)
VAPOR PRESSURE : 22 mmHG (Toluene)
VAPOR DENSITY(AIR=1): 3.1 (Toluene)
EVAPORATION RATE (BUTYL ACETATE=1): 2.24 (Toluene)
SOLUBILITY IN WATER : NO

SECTION 4: FIRE AND EXPLOSION HAZARD

FLASH POINT : 4.4 C (close cup) (Toluene)
LOWER EXPLOSIVE LIMIT : 1.27% (Toluene)
UPPER EXPLOSIVE LIMIT : 7% (Toluene)

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM, AND/OR WATER.

SPECIAL FIRE FIGHTING PROCEDURES:

FIRE FIGHTERS MUST WEAR SELF CONTAINED BREATHING APPARATUS OR AIR MASKS.
CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL WITH WATER SPRAY.



永豐工業有限公司
ARAH DAGANG SDN. BHD.

(Company Reg. No: 202899-M)

Office/Factory:

No. 10, Jalan Jasmine 3, SEK 8810, Bandar Bukit Beruntung,
48300 Rawang, Selangor Darul Ehsan, Malaysia.

Tel: 603-60281863, 60281833, 60281860 Fax: 603-60282863



MATERIAL SAFETY DATA SHEET

SECTION 5: REACTIVITY DATA

THIS PRODUCT IS STABLE

CONDITIONS TO AVOID: NONE

INCOMPATIBILITY: STRONG OXIDIZERS

HAZARDOUS DECOMPOSITIONS PRODUCTS: CARBON DIOXIDE/ MONOXIDE

HAZARDOUS POLYMERIZATION: NONE

SECTION 6: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NOT REQUIRED FOR MIXTURE

EFFECTS OF OVER EXPOSURE:

IMMEDIATE EFFECTS (ACUTE):

HARMFUL IF INHALED. MAY AFFECT THE BRAIN, NERVOUS SYSTEM OR RESPIRATORY SYSTEM CAUSING DIZZINESS, HEADACHE, NAUSEA OR RESPIRATORY IRRITATION. CONTAINS INGREDIENTS, WHICH MAY CAUSE CANCER. RISK OF CANCER DEPENDS UPON DURATION AND LEVEL OF EXPOSURE. OVEREXPOSURE TO INGREDIENTS IN THIS PRODUCT MAY CAUSE NOSE AND THROAT IRRITATION, EYE IRRITATION, SKIN IRRITATION, CNS DEPRESSION, CORNEAL INJURY/EYE DAMAGE. FATAL IF INHALED.

DELAYED EFFECTS (CHRONIC)

POSSIBLE SENSITIZATION.

NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS MAY CAUSE PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE.

THE PRODUCT CAUSES IRRITATION TO THE EYES AND MUCOUS MEMBRANES.

INHALATION OF VAPOUR MAY RESULT IN HEADACHE AND UNCONSCIOUSNESS IN SEVERE CASES. THE PRODUCT CONTAINS SOME OF WHICH ARE UNDER SUSPICION OF CARCINOGENIC OR MUTAGENIC ACTIVITY.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT : FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST
15 MINUTES AND GET MEDICAL ATTENTION

SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER

CLOTHING : REMOVE CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING
BEFORE REUSE, DESTROY CONTAMINATED SHOES.



永豐工業有限公司
ARAH DAGANG SDN. BHD.

(Company Reg. No: 202899-M)

Office/Factory:

No. 10, Jalan Jasmine 3, SEK BB10, Bandar Bukit Beruntung,

48300 Rawang, Selangor Darul Ehsan, Malaysia.

Tel: 603-60281863, 60281833, 60281866 Fax: 603-60282863



MATERIAL SAFETY DATA SHEET

- INHALATION** : IF INHALED, IMMEDIATELY GET FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF THERE IS DIFFICULTY IN BREATHING, GIVE OXYGEN AND GET MEDICAL ATTENTION IMMEDIATELY.
- SWALLOWING** : IF SWALLOWED, INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.
- SWALLOWING** : IF SWALLOWED, CONTACT MEDICAL PERSONNEL IMMEDIATELY TO DETERMINE BEST COURSE OF ACTION.

POSSIBLE ROUTES OF ENTRY: INHALATION, INGESTION, SKIN ABSORPTION.

SECTION 7: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

WEAR APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSHA APPROVED) DURING AND AFTER APPLICATION UNLESS AIR MONITORING VAPOR / MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR RESPIRATOR USE.

VENTILATION:

REQUIRED FOR SPRAYING OR IN A CONFINED AREA, VENTILATION EQUIPMENT SHOULD BE EXPLOSION PROOF TO ELIMINATE IGNITION SOURCES.

PROTECTIVE GLOVES: NEOPRENE OR OTHER NONPOROUS.

EYE PROTECTION: USUAL EYE PROTECTION FOR APPLYING PAINT

OTHER PROTECTIVE EQUIPMENT: NEOPRENE OR PLASTIC APRON AND PROTECTIVE

SECTION 8: SPILL OR LEAK PROCEDURES

VENTILATE AREA AND AVOID BREATHING OF VAPORS. USE SELF-CONTAINED BREATHING APPARATUS OR AIRMASK FOR LARGE SPILLS IN CONFINED AREA.

ELIMINATE IGNITION SOURCES.

REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

AVOID ALL PERSONAL CONTACT.

WASTE DISPOSAL METHOD:

DISPOSE IN CHEMICAL DISPOSAL AREA OR IN A MANNER THAT COMPLIES WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.