



DURAM (PTY) LTD • REG. NO. 9900461/07
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MATERIAL SAFETY DATASHEET

DURAM 195

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

NAME: DURAM 195 - URETHANE/TAR COMPOUND

C.A.S. No.: N/A E.C. No.: N/E E.C. LABEL: N/E ECOCHEM REF.: 96.40.02

UN/SIN No.: 1263 EAC: 127 HAZCHEM: 3 Y KEMLER: 33

HAZARD RATING: SAPMA: 2-H-J

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

EC CLASSIFICATION: T R10,20,36/37/38,42,65,45 S2,16,24/25,42C,43A,62

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

XYLENE (XYLOL) <12% EECLabels: XN R10,20/21,38 OEL 435. mg RL+"S"

MDI (ISOCYANATE MONOMER) < 1% EECLabels: XN R20,36/37/38,42 OEL .05 mg CL

COAL TAR DERIVATIVE EECLabels: T R23/4/5,45 OEL 0.14 mg RL "S"

(CL/RL = Controlled/Recommended level "S" = Skin annotation)

SECTION 3. HAZARDS IDENTIFICATION

SAPMA HEALTH RATING: 2-MODERATE - Temporary or minor injury possible even if treatment is given.

Inhalation sensitiser

INHALATION: HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects.

SKIN: Irritating, risk of dermatitis.

EYES: Irritating.

INGESTION: Irritating and nauseating.

HUMAN CARCINOGEN CAT 1. (EC/CHIP2)

Medium to long term environmental effects. Contain, collect & remove.

SECTION 4. FIRST AID MEASURES

INHALATION: Move to fresh air. In case of any discomfort seek medical attention immediately.

SKIN: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention

EYES: Rinse immediately with plenty of water. Seek medical advice.

INGESTION: Wash mouth with plenty of water. Do NOT induce Vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.

Containers can become pressurised if contents are contaminated with water.

Foam. CO₂. Dry powder. Fog to cool and control. Do NOT use water jets.

Blown or distorted containers should be handled with extreme caution Combustible with toxic fumes.

No direct explosion hazard expected.

Foam. CO₂. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5,8 & 13

Contain & collect. Keep out of drains and sewers

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SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
OPEN WITH CARE ! Cover lid/bung with a cloth while releasing pressure.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OEL.TWA: TYPE: Mixture See Section 2 "Skin"
SAPMA RATING: 2-H-J PPE: Full cover with hood
Inhalation sensitiser
INHALATION: Use respiratory protection. Handle with extreme care. Absorb any spillage at once.
SKIN: Use barrier cream and impervious gloves.
EYES: Use face shield or goggles. Avoid direct contact.
INGESTION: Observe the rules of hygiene. Wash before eating, drinking or smoking.
Appropriate hand protection and protective clothing must always be used

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

CHEMICAL CLASS: COATING SOLUTION APPEARANCE: BLACK LIQUID
DENSITY: TBE VISCOSITY: TBE NON-VOLATILE: TBE%
FLASH POINT: >23
SOLUBILITY:- WATER: Reacts

SECTION 10. STABILITY AND REACTIVITY

STATIC: Could produce static discharge - use earthing
STABILITY: Stable if stored under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

B HUMAN CARCINOGEN CAT 1. (EC/CHIP2)
Inhalation sensitiser
LD50 ORAL: N/E mg LD50 SKIN: mg LC50 INHALATION: mg

SECTION 12. ECOLOGICAL INFORMATION

Medium to long term environmental effects. Contain, collect & remove.

SECTION 13. DISPOSAL CONSIDERATIONS

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN No.: 1263 PACKING GROUP: III IMO CLASS: 3.3 MARINE POLLUTANT CLASS: P
EA CODE: 127 HAZCHEM CODE: 3 Y KEMLER: 33

SECTION 15. REGULATORY INFORMATION

EC INDEX No.: N/E EEC LABEL No. (EINECS/ELINCS): N/E
EC LABEL ICONS: T TOXIC
R10 Flammable
R36/37/38 Irritating to eyes, respiratory system and skin
R42 May cause sensitisation by inhalation
R65 Harmful: May cause lung damage if swallowed.
R45 May cause cancer
S24/25 Avoid contact with skin and eyes
S42 During spraying wear air supplied respirator.
S43 In case of fire, use water fog, foam or powder - Do not use water jets!
S62 If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.
CONTAINS ISOCYANATE. See instructions supplied by the manufacturer.

SECTION 16. OTHER INFORMATION

POTENTIAL CARCINOGEN WITH ACCUMULATIVE EFFECTS.
PAY SPECIAL ATTENTION TO STORAGE AND HANDLING REQUIREMENTS.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms to General Administrative Regulations dated 6 Sept 1996
(ISO-11014/ANSIZ400.1.1996)

All information is given in good faith but without guarantee in respect of accuracy.

No responsibility is accepted for errors or omissions or the consequences thereof.

These recommendations were extracted from the EcoChem database using the HAZMAN programme.

Updated: June 2009