

1 PRODUCT AND COMPANY IDENTIFICATION	
MSDS Code	404.520.068
Trade Name	Huber Set-off ink
Manufacturer/Supplier	IGT Testing Systems
Address	Keienbergweg 25 P.O. Box 12688 1100 AR Amsterdam Z.O. The Netherlands
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2 COMPOSITION/INFORMATION ON THE COMPONENTS	
Product Trivial Name	Set-off test Ink
Product Formal Name	
Product Chemical Family	
CAS Number	
Information on composition	Organic and inorganic Pigments, Resin, mineral and vegetable oil and fillers
3 HAZARD IDENTIFICATION	
Main Hazards	Not classified as hazardous.
Health Effects - Eyes	No significant health hazards identified.
Health Effects - Skin	No significant health hazards identified.
Health Effects - Ingestion	Expected to be relatively non-toxic
Health Effects - Inhalation	No significant health hazards identified
4 FIRST AID MEASURES	
First Aid - Eyes	Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open, remove contact lenses and seek medical advice.
First Aid - Skin	Remove contaminated clothing and wash exposed skin with water and soap or recognized skin cleanser. Do not use solvents or thinners!
First Aid - Ingestion	Get immediately medical attention, keep at rest, do not induce vomiting.
First Aid - Inhalation	Remove from exposition into fresh air
Advice to Physicians	Treat symptomatically. Keep under medical surveillance for 48 hours if aspiration could have occurred.
5 FIRE FIGHTING MEASURES	
Extinguishing Media	Use water spray, alcohol resistant foam, dry chemical or carbon dioxide. Do not use water jet! Fire will produce dense black smoke.
Special Hazards of Product	Exposure to hazardous decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Collect run-off from fire fighting.
6 ACCIDENTAL RELEASE MEASURES	
Personal Precautions	None required, however, use of eye protection, protective gloves/ clothing and adequate ventilation is good industrial practice.
Environmental Precautions	Prevent the material from entering drains or watercourses.
Spillages	Clean with suitable absorbents and detergents, e.g. white spirit
7 HANDLING AND STORAGE	
Handling	Adequate ventilation should be provided if there is risk of mist. Avoid skin and eye contact.
Storage	Keep away from heat and direct sunlight.
8 EXPOSURE CONTROLS/PERSONAL PROTECTION	
Occupational Exposure Standards	None required, however, use of eye protection, protective gloves/ clothing and adequate ventilation is good industrial practice
9 PHYSICAL AND CHEMICAL PROPERTIES	
Physical State	Viscous pasty
Colour	Varies
Odour	Like mineral oil
pH	7
Flash Point (PMCC) (°C)	>100
Solubility in Water (kg/m ³)	Insoluble
Vapour Pressure (kPa)	< 1 mbar at ambient conditions.
Density (kg/m ³)	±900-1200 at 23°C
Auto-flammability (°C)	n.a.
Viscosity (Pa.s)	30 to 150
Boiling point (°C)	>150
Ignition temperature (°C)	>200
10 STABILITY AND REACTIVITY	
Stability	Stable under normal conditions.
Hazardous Decomposition Products	Keep away from oxidizing agents and strong alkaline or acid materials in order to avoid exothermic reactions. Exposition to high temperatures can produce CO, CO ₂ and other harmful products
11 TOXICOLOGICAL INFORMATION	
Acute toxicity	The substance is classified according to the conventional method calculated according to EC directive 88/379/EC
Irritancy - Eyes	Liquid splashed in the eyes may cause irritation and reversible damage.
Irritancy - Skin	Repeated or prolonged contact may cause removal of the natural fat from the skin resulting in non-allergic contact dermatitis.

Sub-acute/ sub chronic Toxicity	Expected to be relatively non-toxic
Human Data	
12 ECOLOGICAL INFORMATION	
Mobility	The product should not be allowed to enter in drains of water courses or the soil.
Persistence/Degradability	
Bio-accumulation	
Ecotoxicity	
13 DISPOSAL	
Product Disposal	Dispose of in accordance with all applicable local and national regulations. Incineration is the recommended method of disposal. Waste disposal key number 55509.
14 TRANSPORT INFORMATION	
	Not classified
15 REGULATORY INFORMATION	
Labelling Information	<input type="checkbox"/> Health: Not Classified <input type="checkbox"/> Physical-Chemical: Not Classified <input type="checkbox"/> Environment: Not Classified
EC Annex I Classification	This material is not considered to meet the requirement for classification as 'Dangerous to the Environment' under Directive 67/548 EC or 88/379/EC.
16 OTHER INFORMATION	
MSDS data issue	13 March 2002
MSDS date revised	1 January 2009
Uses and Restrictions	This product is only intended for printability testing purposes under standard conditions. The product is supplied in tubes with a maximum volume of 70 ml.
REACH Declaration	A REACH Declaration is not necessary because of the small production amounts of this product.
United States Regulation Information: TSCA	All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements
Notice This Material Safety Data Sheet is valid for the article numbers 404.520.068. This Material Safety Data Sheet is based upon data considered to be accurate as at the time of its preparation. Despite our efforts, it may not be up to date or applicable to the circumstances of any particular case. We are not responsible for any damage or injury resulting from abnormal use, from any failure to follow appropriate practices or from hazards inherent in the nature of the product.	
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